

atcgatggac	gtcagcccaa	atgctttctt	gaggagcttc	ccaaggacac	attggttgtc	180
ggaaccttct	ccacgcaggt	catcaaccag	caatcgaaca	cgtactccgt	tgatcccagc	240
ctgaagatgc	tcattaccgt	cgacgagacc	ttcgacaacg	atcaccgcgt	tgtctccaag	300
cgtgatggcc	actccggctg	cttcaccttc	tccgcgcgtg	atgccggcca	gcacaggatc	360
tgtgtgaccg	ccgatacgag	tgccgcgacc	ggcggctggc	tgtcgggtgc	ccccgcgggt	420
gctgtccaag	tgactctgga	catggccatc	ggagagacca	gcaagatcga	gacggaagac	480
aaaggcaaga	tccacgacat	cgtccagaaa	gtgaaagaac	tcaacgggcg	gctgcgagat	540
atccccgagag	aacaagtggg	tccacgggaa	cgtgaaggcg	aatttcgtga	tcagtctgaa	600
gcctccaact	cccgtggctg	ccgatggacc	ctcgatcaag	agggtggggc	tggtccttgc	660
ctgccccggg	aaactggcca	cc				682

<210> 5158

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5158

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gccacgggca	accaaggcgg	ctccgtgata	aaccacattc	tggcggatcc	ccagctccac	180
aaagagttca	agatccgagg	catcaccgcg	gataccacca	agcccgcgcg	ccaggagctg	240
caaaagcgtg	gagtggaagt	tgttacggcc	gatctgaact	ctgtcgaatc	tcttcgcaca	300
gctctcaaa	gatcccaaac	cgtcttctca	gtaaccaact	actgggaata	cgtcaacaag	360
gacacccagg	tcacccaggg	caagaacgtc	gcgatgttag	ccaaagagct	cggcgtccag	420
caactgatct	tctcttctct	tgttcaagtc	accgacttca	ctaattggccg	tctcagccat	480
gtaccccatc	togatggcag	gctgnaatcg	aagatacatn	cgtgcttcag	gtgtccctgt	540
actttcgttc	ttgcgggcta	cttcattgct	atttaacctg	agatgctgaa	aaagagcgat	600
gatggcacct	atcagctttt	ctatcctggt	gatgggtgcta	aggctaaagt	tnctttattc	660
gatgctgcaa	a					671

<210> 5159

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 5159

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ttttgtccga	gctgcacagga	tctgtataag	cccccaaaa	gtcgtttcca	ctctgttgat	180
ggtgtctctt	ttggacatca	ttttggatgc	ttatttttca	tgacattccc	tgaacttqac	240
attgggtctc	ggctcgatag	ctctctttgt	tgcgcgggac	ggctcatcca	agtaaataac	300
caggtctctc	cagatgttcc	tctgtctcat	cagccgggtg	agattaacgg	ggtacgaacg	360
gcaattttct	gccccggact	tggattgggg	aagatctatg	aatcacggat	ttatggattc	420
cggggtttcg	agcggctctg	gacgggaaca	cgtatgaaat	ggctacggat	gaagcccacg	480
gattgttgag	aactcaatga	qatggcccca	tatgaggcag	ctcgtaggga	agccgacaac	540
gacggngata	cagaaatggg	ccccgcctct	gcangangag	cgcagaaact	ggngatagnc	600
aaagaggaaaa	aggcaatatg	cngagacggc	ngtncaaccc	tgatcaatga	gcattaacgg	660
ngg						663

<210> 5160

<211> 636
 <212> DNA
 <213> Aspergillus oryzae

<400> 5160
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 tatgggtaac cagcagtcga acatcggcgg aggcggcggg ggcatggaa gggatgataa 180
 ggataagaag aaggacaagc ccagatacga accacctcct cctcccaaga ctggtcttgg 240
 acgtaagaag cgcaaggctg ccggcccaag tacagcttcc aaactccccg acatcttccc 300
 aacgtcacga tgcaaattac gatacttgcg aatgcaacgg gtccacgac acttgctgct 360
 agaagaagaa tatgtcgaga atatggaacg tctacgcaa actaaggcac aggcagcaca 420
 tgattccgctc agcagaagcg agtttgatat tatggaccga aatgcagacg aaaggggtcg 480
 cgctcgatgac atgagaggta ccccatggg agtcggcaac ttggaagaat taatcgacga 540
 cgacctgccc attgtgtcca gtgctacgg accagagtac tacgtttcca tcatgtctt 600
 cgttqataat gacttgctgg agcctggtgc cagcat 636

<210> 5161
 <211> 670
 <212> DNA
 <213> Aspergillus oryzae

<400> 5161
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 gctcatgcgc acaccgtcga aattggaaaa cgagcgcaag gcccgtagc tacgcatgtc 120
 cctaaaacgt gaacgcccag tgctctgga caaagcaacc gcaaaaatgc cggagaagaat 180
 tctcgacgaa agaaaattcc atgtcttcta ttcgacgat gggggatttc gagccactca 240
 tgagaatggt cagcctgggg aggagatcta ttacctcgga atcattgatt gtttgacaca 300
 ttatggcatg gtgaaacgat tggagcaett cttaaggggc ctgtcccatg accggaatca 360
 gatttcacca gtcccccccg agggttatgg tgatcgcttt gtgaagttca tcaagggcat 420
 cactatgtct aaagaggaag cggtaactgg tgggagctc cggtaactgg gcagaacatc 480
 tgctgagcgt actccttctg ttgaaaggac aatacatgag gcggagaaaag aagcggccaa 540
 tgatgtatct tttaacgcaac ctgggacgtt atccacaatt agggacccca cggacaccaa 600
 ttcaacgggt gcaactttaa cactaccgat cgtggacgaa gctggcgagg ccattatcgt 660
 tgtgggacat 670

<210> 5162
 <211> 649
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 5162
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 taccctccca aacagatgc ctgagaacaa ggaattcacc ttccaggagg tatccqcca 180
 caacaccaag aaggatctt acatggctat ccacgacaag gtctacgac gtaactcttt 240
 cgtcgatgag caaccgggtg gtgaggaagt cctgctcgat gttggtggtc aggatgccac 300
 tgaggtcttc gaggaagttg gtacacagtg agaggctcgt gagatcctgg acggtctcct 360
 cgtcggttaa ctcaagcgcg tgcgcggcga cctgctctcc cgttctcacg ccaggtctac 420
 tncaaagccc tctctcaact ccggcagctc taccggcctc ggtgttggtc tctacgcctt 480
 ccttctcctc ggtggtggcg tgcgttacgg tgcctacag taccggaag cgtctcttga 540
 agcccagtag agaaaggtag atgacgggga acaagaaaaa taanaaagaa afaaaaatat 600
 ttagaacgaa cttttaatac gacttgcgt ttttttaaac gtacgacct 649

<210> 5163

<211> 639
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 5163
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 catcttttaa cagtcggcca agcagccgca cgagctactc aaggtcggtc aacccccgca 120
 cacaccctaa tattggacct ttgacttggg ccggaaggcg gccgaagcgg accaaaaccc 180
 ccttgggacc ttaatcgacc aaatccaccc atggaaggcg gggggcgggg gcattgggta 240
 accattccgg gggaccaaatt ggaccattta accggatggc ttataatggc caagaagaag 300
 gacttttcat ggcgaaggtc ctgcccggca agaataatga gaggcgcgaa actctggttt 360
 cgggggtttc taaccccaca gggcttcaga agcgcgcgcc caccggaaat tcttctatcc 420
 ctgtgccttg gaatttttca ctataaccgg aattgagcga aggggggggca catggggcgg 480
 cccgattcga agacaaaaac caccaccgat ctgggcgaga ctttctaagt tccatgtgaa 540
 ttttccacta tctattcctt ccattggcta ccattagaca cacattgggg caacttcgaa 600
 aggcgtgacg aattcaccgc tgggacgcgc gcttgatan 639

<210> 5164
 <211> 1006
 <212> DNA
 <213> Aspergillus oryzae

<400> 5164
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 ggggtgctga gagagcaatt gtgccatcgc tccgctcctc acagccaatc tcccgaccac 120
 caccaccatc aatactctca cgaaccaaca cctccgcacc gacaccatcc ttgaaccgcc 180
 tctccccctt ctctcaagtc cgtcatgcct cccacgccac ccagggtacg gcgaatcgac 240
 attcccgtga ccccgcgagg aagcgtctcg gtgcgaaaag taccaccggt gaatacgtcg 300
 ttccaggctg tatcattttc cgtcagcgtg gaacgaaatg gtttccaggc gagaattgcg 360
 cgctaggcag ggatcatacc atctatgcca ctgaggcagg atatgtgaga tactatttgg 420
 atcccgaacg gcacccctgac cggaagtata tggcgctctg ctttgagaag gacggcaagt 480
 tgcttacgcc ccggaatgcc ccgaccaaac ggaaactgaa cagggtcgcc gtccctcgca 540
 tcgatgacgc cctacgcgcg attgctggac agtcggatct tgttgctact attgacaatg 600
 gcactatggt ccttagatgt tagactctgt acgcccagtc aggctctcag atgcgtccgg 660
 gttatatgtg ccgtgaggcg aactggcaga tccggttgagc agcttagaag gccgggatta 720
 cagcgaaggc ttacaacccc aagaaccggt gggttggcatg gagaaagaga caggctaggg 780
 ccgaacgggc cgcacgatg aagagtctca agaacaagaa gaaggcttca aagaagggca 840
 aggggtggcg ctaatgatca tagccaacgc ttccgccccat tatcttatgt ctccgcattg 900
 ccggagtggg gtgcgacggt atcgggctta aagggtgcttt tgtactatag agaaatgttt 960
 acatccatta aattgtttatt caaaaaaaaaa aaaaaaaaaa attcct 1006

<210> 5165
 <211> 682
 <212> DNA
 <213> Aspergillus oryzae

<400> 5165
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 ctgcgcgatg tccacccgga ggacgtatac gagagcgtgt tcccaggcca agactacaac 180
 attgcacagag tgcctgatit ccattgatgt gcccattggg agaagaaatc gcttgacaga 240
 aagacatcct cccgcattgg ttggctcggat atctccgtga gcttgcacgg ccattgctgt 300
 gaggtattac gacgacactt catcgaaagt tggaacttta tctacgatac gaagtatgat 360
 tcacgcaaag atgcgagata ctccaggctc gcattgtacg gtctgcccag ctgctcaaac 420
 cgctcacagc agccagggtg tcagcaacag cagagtacat ctccccggac tagcactagc 480

agtcacgcgag	cacctagcta	ccagcaacct	ccggcgtcac	cacagtcgaa	tctatcgact	540
aagccccagg	cacaagcaat	atgtaacct	gcctaccagc	aatcggaac	atcgccgcat	600
cctggccttt	caagctactt	cactgcctcc	atcgcatata	atcaagctac	ctctagcccc	660
catcagcctg	cctctgggtg	tc				682

<210> 5166
 <211> 709
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 5166						
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gggcagtcctc	ccggaggcta	tgagcgcccc	ccatatgacc	agcgtcctcc	ctacgggtgag	180
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gaccaacgcc	ctcgtatga	cagaccacca	tccgagagac	ccccatacga	atcagaccgt	480
tctttcgact	cccgcccttc	ctactnctcc	ggaccacctt	tggcccgctc	tctcaaatt	540
ccccaccac	ctctttccca	tgggttgggt	tcaggaatgg	gaggcccaac	gcccgcgcgcg	600
ccttttgggt	tgatgtagcc	caccggcaaa	ctccagtggg	aacaaccttt	tggcgactct	660
tccgtggaat	gggccccggg	tggccctccg	ctatcatgaa	ccccctcc		709

<210> 5167
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5167						
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ccggaccccg	tattatcgaa	accgacgata	aacgaagatg	gcttcaactc	ttgctatggg	120
actcggtgtc	ggcaccgcgg	cattttttggg	tgcgcaggt	tatgtcgctt	tgcgtcgtgc	180
caggggaggt	gtgaacgcgg	cgggcaaggc	attctacaag	ggtggatttg	aaccccggt	240
gaaccgtcgc	gaagccgcat	tgatcctaga	acttccggaa	cgtactttga	acaaggacaa	300
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gtaactggca	accaagatca	acgaagcgaa	ggaattcctc	gataagcata	cttaatgggtg	420
gattcggaag	gggcccgtgg	ccctgggtcac	cgttgggggt	attggcggat	cctctaagaa	480
cagaagggtg	gcccctctgt	tcgttgtata	aggaaagaga	atgtcttttt	ttgggtgcat	540
agcatggcgt	tgggtggaata	ttcgaggacg	aggttcattt	cttcatgctc	ctcccggaga	600
cttgggtttg	catatatccc	tgacgagatc	ggcactcctg	attactttac	atgtcctctg	660
gag						663

<210> 5168
 <211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 5168						
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tgatcgcaac	cattagaggc	gtccatgcgt	ccgtggcagg	gattgctctc	agtttcgctt	180
tacaaatgtc	tgacgtcgtc	gcttgggtgc	tgtctgagta	caccgagatc	gagctggact	240
tcaatgccgg	tgaacgcac	gtcgaataca	cgtctgatcg	aactgagcat	caggatggca	300
tggatgcttc	cacccaatgg	cccacgaaag	gcgagattga	ggccaataga	actcttcgct	360
ggcttaccac	cacaattacc	accggttcta	acggggtcga	gcttctctat	aaaatctaac	420
gagcacgtcg	agatcgcccc	gacgtaccgg	ctcttgcan	tagtcatttg	cactcgcgct	480
tctgcgcttc	cttgaggtac	gggcccgcac	cttacactta	ggtggaaagg	gtttctctag	540
actgggactc	acggccctcc	gctccgagat	tgcaattatc	cccccaggag	cccgggattt	600
cttcggggac	cctacgatcg	ggcctcaatc	gtttggaaaa	gccaaaattc	tgagctcctt	660
gcgatttatc	aag					673

<210> 5169

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 5169

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aaattgggac	gagctgccgc	cggagcggaa	aaaggctggg	gaccgatggg	ctgctgtgat	180
caaccctgac	atagacaaga	actgggagat	agacctgctt	catagcgtga	cgcacgatag	240
cattgtcaac	tgtgtccagt	ttagtaacga	tggcaaatat	attgctgttg	gatgcgcaga	300
tggcgcgcta	caaatagtcg	aggtttcaac	cggaaactcag	gtggctcgtc	tacaagatga	360
gggatatagt	cacgactgtc	tctgtgtaag	agtgaaggttt	ttgcctgata	attatcttct	420
ggttaaccga	catagcagtg	gcaatatacg	cgtttgggac	tatatgggaa	gcttcttcga	480
cgaacccttg	tggtagtga	actgggttct	tcaactctaga	tctttcggct	actgggcac	540
taatcgcgtt	ttccgagaga	aatangactg	tcaaggcttg	ggatctggat	gcagcatctg	600
gtattcggca	gctcgggacg	ctccacacag	ctgacgatgt	atatatagcn		650

<210> 5170

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5170

cccagaacgc	acttttaggag	cgagcaatta	ttcaaccatg	tcatattcaa	gcagcgaaaa	60
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ctacgatgaa	gaatacacat	atgcagagca	gcgtaagatt	atccaccggg	tggatagacg	180
tcttgtcacc	attaecgggt	tagcatattg	tgtgtccctc	atggacagga	caaactctgag	240
catggctgct	gtcgcgggca	tgaccaagga	cctgggtttg	acaattggaa	cccgatattc	300
cgtcatggte	ctcatcttct	togttcctta	tgtgatcttc	cagccacca	tgacagttat	360
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atgggtctgga	ttctttgcttt	tgggtcgagg	caaattgggg	ggcttlaaga	tcttggaagg	660
tgg						663

<210> 5171

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

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tctcctaccg gtcctccagc aggcaactct cgaggcaata cgcggccgac aactccattt      180
aatgctcaat ttcccttctc tgcaacgcc aacgacctct tccttgtcac gcgtacttca      240
cccaaccttt cgccttcgct gtgggagaa ttcagcccg accagttgtt ccctgatggc      300
actgccatct tccctgagct gacttccccg cagcagactg ccgtcgatcc acaattacag      360
atgtcctctc agttacagac acaaggcatg gatcagcgac atatgatgcc gcatcagatg      420
tcttcccagag gtcttcccgg aacacaggga agcccggaga tgatttcgaa catccccccg      480
ggattgggca tgcaagggtc gcaaccacca caggtgttgc gaatggagaa tcagcagcct      540
tgcccctagg caggtttaga ggcagccctg cataccgggg tggaggctgc tagcccgat      600
gacacctgna gtaatagctc ccgaagtggg gaaaccgcac cgaccacttt gaacgtggaa      660
gactgggttc aattctttgc attaatggta gctttggcg      699
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<210> 5172
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5172
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aaagtgatct ccgtaagcca ggaatacgac ataattggcta ctccaacagg ccgtcttcaa      120
gacaagaatg ctataatcac tgggtgctgca ggagggatcg gtctcgagac tagtatectc      180
ttcgcccgcg aaggtgccaa tgctctcatg gccgacatct ctgctcctgc cctcgagaaa      240
ggcctcgcca aagtgaagga ggttggtccc aatgccccac gggttgaaac tttcaagtgc      300
gatgtttcca aggagtcgga ggtacaagcg atgggtggaat ctcaagacag ctggggcgga      360
actgacgtga tcttcaataa cgttggtatt atgcatgctg acgatgccga cgcctgggac      420
acgccagaga agatttgga tttgacacag aacattaatg tgaagggggg gtgggttgga      480
tgcaagcacg ccgtgctcag tctcgtcgt cataagaaga ccaagggtag cattatcaac      540
actgctagtg taagtgcctt aatgggtagt gccacttctc agctggctta cactgccaac      600
aaaggcgcgg tgcttgcctt gacccgtgaa ctaaaacctg tgcatgcctc ggaaggattc      660
cggtttaatg ccttgtgcg      679
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<210> 5173
 <211> 503
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

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ajatttgaag gtgcgatggg tgagcgcggt caaacgagct gtttaagggg gtgcggactt      180
tgtttgaaatt cataacgccc atgggtatct cctcatgtcg ttctgtccc ccgcctgaa      240
tiagagaacg gatgaatatg gcggaagctt tgaaaatcgc atccgctcga gtatggagat      300
tgctaagctg accagagagg cgggttcccga ggataaaacc ggcttccagg ctccctttgc      360
tgtcgcctgt taaacggggc gttggggata agctgaaggt anggtcagtg ggcattgatg      420
actcgcccca gctgggcaac tctttgtgag agaaaggagg tctagatttt gtcattgggtc      480
ggcgggggttc caaaagaatc cgg      503
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<210> 5174
 <211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5174

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tacatcgccg	agttccaatt	cgacttagac	acgctctcca	gaaactggac	ccttggcggg	120
aggttgaacg	atccagagac	cctgaaggga	ctggaattgc	tccaggaact	ctggacggca	180
ttcaatcttc	cacaggggtc	cagggagccc	cctaaaccgg	gtgactcgcc	cgttcggtcg	240
ccgttcctgt	acaacttcga	gatgcagtcg	gggaggaagt	tccccaagtc	gaaggtttac	300
tttcccctgg	ctgatgtgaa	tgatcgcgac	attgcgaatg	tggtgactgc	gttctttgag	360
aagcatggat	gtgctgaatt	ggcgaagtct	tatacggaga	acctgttgca	atacttcctt	420
ggtgttgatc	ttgcgagag	cgttgcgttg	caecgcgtgg	tgctcttttc	gtactcggag	480
aaaacgggtc	catatatgac	ggtttattat	cagtggccgg	atagcttcaa	tcagtgtcat	540
ttgactgcag	ccagctcctg	atgtggtcta	cgtgggtttc	tgcgctgaaa	atgcgggcct	600
gttggcctat	tttggcctct	ccgtaatggc	taatqaaact	cctgggacca	tgctctgg	657

<210> 5175

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5175

cctgtgggtc	ccccagaca	agctgaagaa	gcccttcaag	ctcatcgccg	ctatcaatct	60
cctcgtcatt	ctgggactcg	cgatcggtct	catcgccgga	gcccgagggtg	gtcccttggg	120
taccttccaa	acatcccagc	gaaccgacaa	tttgggatgg	accttcctcc	acggtttcgc	180
cgtcgtgttc	tccggcaacg	cagtcggaat	ggcgagtcac	agcgatttct	cacgtttcgc	240
ccgacgacca	ggggcccaag	tcaaaggaca	gctctttctc	ttcctgatct	ccggaaacgt	300
cgtgcccctc	ttgggaatct	tggcactgc	agctgcccgc	aaaatgtatg	gcgacgtgaa	360
cgaactgggt	ctgtggaatc	cgccgaatat	cctgcaaatg	tggtctggaca	accagtacca	420
taataaggcc	atgcgagccg	cgccgttctt	cgtcgccttc	ggcttaacat	ccagtatcat	480
ggccatgaac	tccatcgaga	acgggtgttt	gggcggcatg	gacatcggcg	gactctatcc	540
ccggtacttc	aacatccgtc	gtggatcgta	tctgctggct	gcgatctccg	tggtgatcaa	600
cccggtggcg	attatcgccc	aatgangcat	tttctacaaa	actctgaaca	gttcggagtc	660
atcctcctcc	cctc					674

<210> 5176

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 5176

gtcgcaaggg	gaggacaatc	aagatgactc	gaacataatg	caagcattta	atgatatttt	60
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tgatgaactg	cttaacggct	togaaggggc	acgcacaacca	caacccacga	caggaaaagac	180
taattgcccg	gataaaaagc	gggtttcggt	tactttctcg	gclttgaaca	gctctttctaa	240
gtgaaataat	ccatccagag	ctttttcttc	cactcccltt	tcagttatga	taccatcaat	300
aagtgcacct	ggggttatat	ogaatgctgg	attccagaca	ttgatccctt	ccgtgcttat	360
gcacacgggt	tccatcttga	cggttccaga	ggcaccaccg	tcttcgcagg	tgccctctgac	420
cgtagtaacc	tccgatggcg	gcgcgtcctc	gatagtgatt	tcattccctg	atttggtgac	480
taagtcgata	gtcgtgagcg	gcgcagccac	aagaaatttc	acaccatggt	actttgcaag	540

cactgcaaaa	catatgtacc	aatcttattt	gcggatcacc	gtagctgcta	cctgtctgc	600
ccctacacaa	ttgcatncac	gcctatctcg	cttctatcca	ataatgcaac	ttgcctttga	660
tctggtttta	aagag					675

<210> 5177

<211> 1193

<212> DNA

<213> *Aspergillus oryzae*

<400> 5177

ctctttctca	gacagctttc	tgctgttctt	tccttcaaca	acactctcat	tctttttgag	60
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gacttcgtcg	tcggctcgcc	gatacacaac	ttccttgaaa	agtaaaaaata	tcattttttc	180
tgatcaatca	atcatatctg	caatggctcc	tctggctaag	actctcgccc	tcgccggcgc	240
cctttttgcc	gccctcgcc	cgcccgctcc	tgtagcaaaag	cgccaggatg	ttgtcgtgaa	300
caccgcact	accgttgaat	ggactaccgt	gaaggteacc	acgaccatca	ccaccgaccg	360
actgtccag	actcaagctc	agcccactgt	ctctgttctt	gggtccctca	ctcccgctgt	420
aactcctgag	ccttcccagc	ccgctgaggt	tctggcgag	tttcaagaga	gtgaggcccc	480
cgagccccag	caatctgcaa	ccatccagcc	ggtttggact	cccaccccg	ctgagctctac	540
tacctctgct	actcccactc	eggagcctac	cgaacagccg	gaacctaccg	agcagccaga	600
gcccaccacc	accagcaacc	ctcctgtcgt	ggtcccgact	tcgtctagca	ctacctctgc	660
tgccctcaaa	cctaccgcga	gcagccccag	cggtagcagt	agcggatata	ccggcacctg	720
ctccaaagac	tcccgtgca	agggtcagac	caccttctac	gacactgcca	cttcttccct	780
cgccccagc	agctgtggat	acaccaacga	tggcagcacc	gaggacgtcc	tgcccttcc	840
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ggctcgttcc	ggcaaggctg	ttgacaagt	catgggctgc	gacagcacct	ccattgacgt	960
gtcgcgccac	atgttcgggt	tggtggcttc	cgaagatgcg	ggccgcctct	tcgatgttga	1020
gtggttcatt	gagtaaatgc	gttgagtgt	agcttcttct	gttgactctt	tgattttttg	1080
ttacttcgct	tcttcgatat	ccatacccc	ttttctcttc	ttaaccttct	tcacattcgt	1140
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<210> 5178

<211> 745

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 5178

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gccttcgtct	tcctcttctt	cttggtgtgc	tatatcggtc	tcctcccca	cagtgcctcc	120
tcaagtgtcc	catcgcaact	acaacccaat	gacaagcttc	tccatgtcgt	gacgttcttc	180
ctgctgtctc	tcctcttcta	ctggattccc	gacaccacc	gccgacgcac	gctacaattg	240
accttaattg	tctgcaccgc	cgttctggga	attggctccg	agattgtcca	aggaatcttc	300
cccaatggtc	gctcgtttga	cccgtttgac	cttctcgcca	atctcgtggg	tagtctcggc	360
gcagtcggct	tgtagcagtg	gtaccaccgc	cggtatgctg	agaggcgggc	caaagcccg	420
ttcggagctc	ttggagacgc	cacagatgat	gttagctctg	gcgttgggcc	cggtcatagt	480
gagacgcacc	atgatcagga	ggggctaggg	ccccaggaaa	cggnqgtcc	gaatctggag	540
cytgaggctg	acaattggga	tgagaatgcc	gtcgataact	gggattcaga	cgacgngtgt	600
gatgagcctt	ccggtttgat	cgcggaaggc	tcgaaacctt	ctngcccttg	ctgtaattgg	660
gaccagggag	aggggaagaa	aacgaatgac	tgattcgatc	tacattagga	tcntaaatct	720
aanttgtatg	aaatatacct	cgtca				745

<210> 5179

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 5179
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 ctcgtttacc atcaaaacttt caaaatgcag ttcaagaacc ttgctctcgc tgcctccatc 120
 gttgctactg ccgccgctgc cccggccgct gacagcacct ccgctcctgc tgcgacccccg 180
 tcttccaccc ctgccactga tgcccctcac ttcttcggcg tcatcgccat tcaactccggt 240
 agcgggtgtcc agaacgctgg cttcagcgcc gccaaagggtg gcctgatcgc tggccttcag 300
 aacaagagca acagctgcca ggagaccagt ttctatatca acgacggtgt tctcaacatc 360
 tacgatgaca ccgctcgtcc ccaggagatc tacgttgacc gctccggcat gggccagggc 420
 aagattggct acaccgtcgg tgctgagccc gctcccaaga acgcccagcg caagggtcgg 480
 gccatcaagg atggccacct cgagttcgac ggatccagcc tcatcgctg ccccggtgcc 540
 gagggtacaa gcattctggg ctcctctggt gtcgctaac ccgggtggcaa caaggattgc 600
 attggcattg ctgctcagct cgttgggacc aaggagcca agccttgctg ggccaactaa 660
 gtttgtgctt tagtggttcg ttcttttgcg canagacttt gataaaggct cgatgtctct 720
 ttgtgcgtct tcattgtatt aagcgatttg tgaataact 759

<210> 5180
 <211> 659
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 5180
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 aatcggcagg agatgttttc gcattctccc cggctgagga acaaaaaagg cgggaatcgc 120
 ttatttccac cctcactgct tcgtctgctg aggcagttaa ctggctcacg gatgagaaag 180
 gtgtcgactt gagcaagggt tgccgggttg ggggacatag tcgcccgcgg acgcatcgtg 240
 gggctggtca gcgaccgctt gggatttcta tcgttagcac gcttttgat tctttggaga 300
 ctagtctcct gtttcagctt cggtcggggg ctagggttac gaagggttg cgcgaggcgg 360
 atgaggtctt angggtccag tatacagggt gtgagaagac tgaaacggag gacaatacta 420
 ccactacgct taatgggccc gttgtgtttg caagcgggtg atatgcaaga gatgcgcgtg 480
 gactgcttgc caagtatcgg cccgatttgg ctgggatacc ttcgacgaac catgctgttg 540
 agggaaacaca gcctcttctc gagaatataa gcgctgggtt agtggatatg gaacaagttc 600
 aaatccatcc gacccgattt gtggatgaga aagaaccctc cgcgtctgtt aagattctg 659

<210> 5181
 <211> 654
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5181
 aaatggacag gagggtacac cacttgccca tcaaatcaac tcgtccaccc cttgggtgaa 60
 ctctcatcaa cttgtcatac gtgattaaat ctccgtatgg acctggaatc caactcccaa 120
 ccccttaaac cgcacttggc cgatcaagat gtgcaagatg ctacgatct cgtcgcatg 180
 ggccatgacc aggcctccac gcgcaaattc gacctgtgga gcattgctag cttggcattc 240
 tgcgctctag gaacatatc aacttttgcg caggatctca gcagcggtt aaccaacggc 300

ggcgctgtcg	ctattctctg	gggtctcggt	ctggtcacag	catgtaacct	ctgtgtcgcc	360
ctatctcttg	gcgagctcgc	cagtagcatg	ccgaccgcgc	tgggtcaggc	gtactgggtc	420
tttcgactat	gggatacccc	cttgggtcgc	tttgcttcgt	acatgtgcgc	gtggatcaac	480
accttcggct	ggtggacggt	gaccgcgtca	canatcgctt	tcatgaccga	gtttcttctt	540
ggcatgaagg	tcatgttcga	gccgacgtgg	gaagggagct	ggaccggggg	gcttgaattc	600
ctcgtctaca	tcggctgggt	ccttctcttg	accgtgatca	atggtggccg	ggtg	654

<210> 5182

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5182

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cgctccgatcc	lgccgcagct	gtgattaagg	caacagatgg	tgtagggggcg	catggagtat	180
togtcacagc	tcctggggcc	latoqaaagg	ngttatcata	cgctggtaat	cgcatlqag	240
cggttgtcar	gtgtatcgga	ttaggtccca	ctggcqaat	gactatcggg	ggagatccca	300
atgcttttat	cttcaagaac	ctgacggtca	aggggaacct	ggtgggtagt	cggaaggata	360
cagcggcggc	attggacttt	gctcggcggg	ggaagctcca	acaaatttgc	gaagtttate	420
caattgaccg	attgcctgaa	gcagtagaga	aactgcgaaa	aggacaggcc	acgggacgaa	480
tggcgggttg	cttcaacaag	taaatcgcat	tgatggaaaac	aactcgggaa	cccccgga	540
caaaatgccc	aggcgggcac	acgaataatt	gccgtcttcc	cttgaccag	tgccaaagg	600
agaaaatttt	tgaatgtcat	acaacctatt	tgtgggggaa	atttttctcc	ggg	653

<210> 5183

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 5183

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tgggtcaatt	ctttcccttc	ttctttctcat	atccccccc	tattacaatg	aggtctacat	120
tcgggttgct	ggccaacgtc	aagccggccc	ggtacctgga	gcctttcgct	cccaccggta	180
tcaccggcct	tgtaactcat	cccagtcctc	gcccgacttt	gatctatctc	tacacaacta	240
ccctgcagaa	gttgaaggcc	ttccccgagt	cttccgtcta	ccgccagtct	accgaggctt	300
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cagatggcac	gtacycggca	gtcatgcgca	ggatgggaag	cgacaatcct	cgtgggtgagg	480
agtgggatgg	agaagccctc	gagccgacca	gtgaaggccc	tgcccgtacc	ccagaggaag	540
aaagtcgggtg	gcactcagct	atcgaagatt	cggttaaggc	agagaacgag	tctgatttcc	600
aaactcatgc	tatgaagtgg	gagaacgagc	tcgccttgga	agcagagcag	gttgcogaat	660
tcgagatcca	gattggaggc	tggcctattg	aggaggtcat	ncaag		705

<210> 5184

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5184

cagatttgat	tgagtrttac	tatcagctca	gatcgctctc	aacatcaatc	agacctttat	60
ttgattttoga	ctgtagacta	ggctcctact	cgcactttga	caccatgaag	actcttcaact	120
atttacctcc	ggtgaagccc	tctgctattg	ctctgggcac	gtttttcaca	cacaccgcgt	180
ccttgggaat	actggctcct	gtcttcggtg	acacttacca	tctgtgcgag	gcagccaaaca	240
cgaaaagagga	attcatcaag	tccaaagagg	ctgccggggc	tgccgcagcc	tggggaagct	300

ctttgggtcgg	tagtgccatg	caaacttatg	gagtgggtgc	tctgattaac	gcaaccggga	360
cgctgagtta	caagggcgcg	gcgtatctgg	gaagtctgat	tttcatggct	agctctgcac	420
caagtttcat	cagccaaatt	tttaccgaga	agcggcctct	ggatacagtt	gctgtaggtg	480
cagtgagccg	agtcttcgag	acagtcgggc	ttagtttatt	ccttacttgg	tggggtacgc	540
gtacgaatcc	tttcgattaa	gtatacctct	gttatgcttt	gaatatgata	tttgcttgag	600
aggctatcca	actttgtgga	cacggttcat	aggcgtgctc	agtacatggt	ctgggtgctca	660
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<210> 5185

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5185

ccgcgcgcaaac	caccataata	gctctctacc	agtcgcttga	gtacggcacc	aatcgctcat	60
cctatttgaa	ccggttccct	attccactta	tgcggtatcg	tcattggctgg	tcgtaggagc	120
ggtggaggtg	gtcgcaagac	cttgcctcgg	ccgattccatt	ttattttcaa	gcttcttcaa	180
cagcgctcca	ccgtttcgat	ctggctctat	gagcaactgg	ctttccgtat	agagggcaag	240
atcaggggat	tccatgagtt	catgaatctc	gtcgttgatg	atgcagtggg	ggtcagggtg	300
gctacaaaga	ccggagaaga	gaagcgcagg	cctcttggcc	agatccgtgt	taagggagat	360
aacgtctctc	tcattccaagc	cgttcagtga	tcattggggc	cttaggaagc	atacagaaaa	420
gaaatttcaa	aaatgttttg	ccaggtacg	acaatatcta	cttctcttta	atcatgtctt	480
tttacgggtt	cccgctggga	gacactcttg	cacatcaatt	aaatacacgg	agttctgaca	540
cgagagggaa	ttcttttttt	gggactataa	attagtgggtg	acggacgaag	cacctattgt	600
cgccgacgat	gagaacatct	acttgccagt	catggtttgc	aacgggtata	tgttcgggtc	660
gaggcaaaagt	ttgct					675

<210> 5186

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 5186

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ggcctgaggg	gcgtatttac	cttctgagcg	cgatggcgaa	ccagcttcgg	tatcctaaca	120
gtcacacctt	cttcttcagt	ttcgcgattc	tcggtttggt	cggttccgac	tactcggaac	180
aggatgagtc	cgacattcgc	cagcagatta	ttcgggtgct	acttgagcga	cttattgttc	240
atcgctctca	tccttggggg	ctgattataa	ctctgcagga	actgcttcag	aatcgaagct	300
acan						304

<210> 5187

<211> 720

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 5187

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cggttcggag	ctcagattac	gcagtgaacc	cttgatcctc	gattgaagcg	gacccggtcc	120
caatccctta	tttatcgacc	cttattccga	cgttctcctt	tcctgttcgg	cgcactccgc	180
acctccatc	atcatgggtc	acaaagtctt	cttctggggc	ggcttcggca	tcgcagtcgg	240

tctctggcag	ctcgggtatcg	aaatgcgtcc	nattctcggc	aaggaatctc	tctgggtgta	300
ccctctcttt	gccgggtgtcg	gtagcagctt	cggatactgg	ctccagggcg	ttgaggacag	360
acagctcaag	atccttgccg	agcgccgcga	ggctatcctc	gaaaagcgct	ggagacgtga	420
ccagggcaca	ttgagcaagg	ttgaggaggc	cggcactctt	gccgcgacgt	cgtgaatgtg	480
atattttgag	ttctggagaa	ggtgggttgaa	ggacaggatt	agaagacgat	ggctgtgtta	540
gtcgacttga	ctggccaacg	gtccagtcgt	tcttgatatca	aaattcgaaac	ggttatgctc	600
gggctcctgt	tatcgaaaaga	ggggaaggca	tgacggcttt	agtgcctatg	agcaagacct	660
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<210> 5188

<211> 955

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (955)

<223> n = A,T,C or G

<400> 5188

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atttccgttg	acgtttctgt	cattgggtgc	ggccctactg	gtttagggtc	cgccaagcgt	180
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cttgctttta	ccgatgtgac	ccccgaaagg	tttctctacg	acggtcgagg	tcacgttatt	300
tttttccact	acaagtactt	tgacgactgc	atcgacgagg	ctcttctctaa	ggaagatgac	360
tggtacagcc	accagecgc	ctcttacgtc	cgttgccagg	gccaatgggt	tccttaccca	420
ttccagaaca	acatctccat	gcttccccag	gaggagcagg	ttaagtgc	tgacggtatg	480
atcgatgctg	ctcttgagge	tgtgtttgcc	aacaccaagc	ccaagaactt	cgacgagtgg	540
atcggttcga	tgatgggaac	tggtatcgcc	gatctcttca	tgcgtcccta	caactacaag	600
gtctggggcg	tgcaccacac	caagatgcga	tgtgcttggc	tgggtgagcg	tgctgcgcgc	660
cccaacgtca	aggccgtgac	caccaatggt	attctcaaca	agaccgctgg	taactgggggt	720
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gccgacactc	ttcctaaaga	gaacactcgt	ttcgggtgaga	agggcaagggt	taccaaagtc	840
aacgccaaaca	acaagaccgt	ccagctcgcc	gatggcacca	ctgtcggcta	caagaagctc	900
gtttccacca	tgtctgtgga	tttcttgc	gaggctattg	gtaaccagga	gcttg	955

<210> 5189

<211> 1762

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (1762)

<223> n = A,T,C or G

<400> 5189

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ttagtaacctc	ttcaggcgac	ttcgtgaggt	tggcgllcyl	gcagtacacg	gtgttctctgg	180
ggaactacaac	ttggtgggtt	tggattacct	gpcaaaatgc	gatcttcatt	gggtaggaaa	240
ctgtaattgag	cttaattgpcg	gatacgcctg	tgatggatac	gctcgaatca	atggaatgtc	300
tgttttagtc	accacotttg	gtgtgggtga	gctatcggcg	ctcaatgcta	ttgctgggtg	360
atactccqaa	tttgtgcta	tctttcacat	tgttgggtcaa	ccgcatacga	aatcacagaa	420
agatgggaatg	ctctccacc	acacettgng	caacggcgac	tccaaggtct	ttaccagaat	480
gagtgcgcgac	atctcttgca	cacttggtatg	tttgaactca	actcacgaag	tggcgacctt	540
cattgataat	gctatccgag	aatgttggat	tctgaatcga	ccggtttata	tctctctccc	600
tacogatatg	gtgacaaaaga	aaatcgaggg	agaacggctg	gatacccttc	tcgatcttag	660
tctaccaccg	aacgatcccg	aaaaagaaga	ttacgttgtg	gatgtgggtc	tcaagtatct	720

gcacgctgca	aagaaacccg	ttattcttgt	cgatgcttgt	gctatccgcc	atcgtgtgct	780
cgatgaagtt	catgagttcg	tggaaaaatc	tgggctaccc	acattcgtgg	ctccaatggg	840
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aaacccaggt	gttcgtgagc	aagtccaatc	ttcagacttg	attctgagca	tcggtgctat	960
caagtcgat	ttcaacacga	ctgggttctc	ttaccgtatt	ggccaactca	acaccattga	1020
cttccatagt	acatacgtgc	gcgtccggta	ctccgaatac	cctgatatca	acatgaaagg	1080
cgctcttcaa	aagattgttc	aaagaatggg	caatctcaat	gtcggaccag	tctcgccgcc	1140
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gctctggcct	actgtcgggc	agtggctgaa	agaaaaggat	gttgttatca	cggaaaccgg	1260
cactgccaat	ttcgggtatc	gggacactcg	gttcccggca	ggtggttacag	ccattagtca	1320
ggttcttttg	ggtagtatcg	gctattcagt	tggagcttgt	caagggtgctg	cgttggccgc	1380
aaaagagcag	ggccgacgga	ctgtactttt	cgtgggtgac	ggaagtttcc	agctgacgct	1440
ccaggaagtc	agcaccatga	taagaaataa	ccttaaccct	atcatctttg	tcatttgcaa	1500
cgaaggatat	accatcgaac	ggtacattca	tggatgggaa	gctgtttaca	atgacatcca	1560
gccctgggac	ttcttgaaca	ttcctgtggc	attcggcgcg	aaggacaagt	acaaaggata	1620
caaggtcaca	acccgagacg	agttgagggg	gcttttcgca	aatgaagaat	ttgcttcggc	1680
acctgtctct	cagttgggtg	agctccacat	gcctcgcgac	gattgcccag	ccagnttgaa	1740
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<210> 5190

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5190

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gtgaagcacc	agggcaaacg	tcatgaggtc	gagcttgatc	tatcctcgaa	cggtgaaacg	120
cttaagtacc	aattatatcc	cctcacccgc	gtggaacccg	aacgacagaa	aattctggtc	180
aaaggaggac	aacttaagga	tgaaccccca	ttgtcctcgc	tcaacgccaa	accggggccag	240
acattcatga	tgatgggcac	gccatctgga	ggccaaggat	ccggggattt	gggccgccca	300
aaagaagcag	tgaagttctt	ggaggacatg	acggangctg	aggctgcaag	agcagagggg	360
gctattcctg	ctggccttca	gaaccttggt	aacacttgct	accttaactc	tacactgcag	420
acattgagaa	gtgttcccga	gttccatcag	gagcttctga	gatatcgccc	ctcaacagggt	480
gctgtgggag	catcgaacct	ctcggaactc	accagttttg	gcctgggttg	cctcggcgcc	540
taaatggatc	ttacgtcttc	gtggcggaat	caatccaacc	aattgtttga	accccagaag	600
ggattccccc	tctaatgtcc	ctgaaggcct	taagggaatgg	gttccccatt	tggcccaaaa	660
atatcaacgg	g					671

<210> 5191

<211> 837

<212> DNA

<213> *Aspergillus oryzae*

<400> 5191

cttttatact	ctccctatcc	tttaqcactt	agggetcctt	tgagagggct	taaataacgt	50
gagggaggat	ccagtaactct	gttgaagtcn	cggyagtcct	taccgntagt	aaagcgggct	120
ttgttctctga	gcccccgag	aattctgcct	accatccgag	cgcattcggt	acaatgggct	180
tctcgggaga	aaagaacgat	ggcatctcgc	cagagatqaa	tagagagttg	tcccgcgaca	240
tcaccaaaag	agaggagggt	atcgtcgcgg	aagagcacca	tgtcgacctc	caccgggacc	300
tcaggcccg	tcataattact	atgatttgcta	tcggagggtgc	tatcgggaca	ggtcttatta	360
ttggaacggg	agaagctctt	gugaagcctt	gccttgagcg	aatcctaatt	tctatttcog	420
ttgtcgggtct	tgctcgtctat	actgtcatgt	gcggcctgtg	agaaatggcc	cgtttgctgc	480
ccttagcttt	cctgggtttaa	ctggttacgc	tggttcgatt	ctgtggaccc	gcttcttttg	540
attggtctctg	ggattggaca	taactggtta	aaaattataa	ttctcacgcc	ggatcaacta	600
acaagttgcc	gcgatggttt	atccattttt	ggataaagcc	ggacaaaagt	tacgcaggct	660

gttgaatta	caatatttcc	ttgtgaacat	ttgtctggaa	tttactactt	tggggtgaag	720
gtttttcggg	ggaattccag	gttctgggct	ggcgtggctc	ttaaagggtga	taagcacatc	780
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<210> 5192
 <211> 687
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5192						
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cacggacttc	tttattcagg	cagctcaatt	gtcgccttcg	ggtgcacaaa	tggacccaga	120
tgtgcaggtc	ggtttaggtg	ttcttttcta	ctgcgcggag	gaatatgaca	aggccgtgga	180
ttgtttctct	gccgccttgg	cctccactga	gtcgggaact	gtgaaccagc	gggaacagct	240
ccatctgctg	tggaaaccgtc	tcggagccac	tcttgccaac	tcgggtcgtt	ctgaggaggc	300
cctcgaagct	tacgagcaag	ccttqaatat	taatgccaac	tttgtccgcg	cgagatataa	360
cctggggcgtg	tcattgcata	atctcgggtg	ctacccagaa	gotgctcagc	atctgttggg	420
tgcactgtcc	atgcaccgtg	ttgtcgagca	ggaaggccgt	gagcgcgcc	gtgagallat	480
cggcggagac	ggtgtcgacy	atgaacagct	tgagcggatg	attcatatca	gccagaacca	540
gagcaccaac	ttgtatgaca	cctgcggcg	tgtgttcagc	cagatgggac	gtcgggatct	600
ggccgacatg	gtcgtggctg	gcattggatg	gaatgtcttc	ccgaagggaag	ttggaatttt	660
aatgatgccc	atttaatttt	cttttgg				687

<210> 5193
 <211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 5193						
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cagcagtagc	acggagccca	gggtaacggc	caggccaatc	cttctcatat	gccgcgcgcc	120
cctcgtctct	cggttgtgat	tcgcgagaat	accaatccta	ttcccacggc	gatcacatct	180
ccgatgtctg	ggaacatgat	gtccccaacc	agcgcggcg	ggtacgtgcg	ccgagctgcc	240
ccagagccaa	acaaaagagc	tctttatggt	ggcgtctctg	accaacgggt	cactgaggat	300
atcttgaaac	aaatctttga	gactactgga	cacgttgtca	gcgtgaagat	catccctgat	360
anagacangt	tcaacagtaa	aggatacaac	tacggcttcg	ttgagtttga	cgatcctggc	420
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atcttctgtt	gggatctgag	caacgaagtt	tacgacgaaa	tcctgcaaca	gggtttctca	600
gcctcggggt	cggtttccga	ggccgtgtta	tgtgggacat	gaaaactggg	tcgttccgtg	660
gotaa						665

<210> 5194
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5194						
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ggcccaggaa	cgtctcggaa	tttgtggtcg	tctgaacaag	ggccataaaa	ccacccccc	120
caaacacccc	aagacccgtg	tcagccgcac	caagggccag	tcctcccgcc	gtactgcctt	180
tgttctgtgac	atcgtctgtg	aggttgtcgg	tcttgccccc	tatgagcgcc	gtatcctcga	240
actcctgaga	aacactcagg	acaagcgtgc	tcgttaagctc	gccaaagaaga	ggctcggtag	300
cttcggccgt	ggaaagagaa	aggttgagga	catgcagcgc	gtcatcgctg	agtcctcgctg	360
tgtcactgggt	cactaaattc	gtttccattc	aatccaataa	agctttctcc	tattagccaa	420

agaaaagaat	gagataacga	aacgatgaag	tgagtcttgq	tggccgatca	catggagtgt	480
gggggaggtt	ctgtccatac	ggggaagggg	gaaatgacaa	cccgacctac	cttctttgct	540
tctatctctc	ctgggatata	ggaatggagg	caagggacat	aattccatag	gcgtggacaa	600
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cttttac						667

<210> 5195
 <211> 671
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 5195						
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atgagaacga	gctaaaaaaa	ggaaagaaag	gaaaaaaaaa	aaagaaaaaag	gcacatcatg	180
ggtcgctttt	ccggcgccagc	gagcagactg	catcgacccc	tgcaactcag	cggtgatacg	240
gatcagtggg	ggaatcgaga	tctgatcccc	ttgcctccag	atcgcacaaac	ctgggtccagc	300
tgggaattcc	tctatctatg	gagcaccgtc	ttcttcacca	cattcggtctg	gcaaatcact	360
tcctcgctcc	tgggccttgg	tttgaatgtc	tggcaatcca	ttctctgcaa	catcattacg	420
aaattcctcc	agacggccgt	ggtgtttctg	gttgcatggc	ccggtggagt	ctggcacatt	480
ggcttcacgg	ttaactctcg	ctccgtgttt	ggaatgtggg	gatcgtatgt	gccagtcatt	540
ctccgtatta	tcctctgcac	tatttggtat	ggcggncagg	cattttacggg	cggccagctg	600
gtggggatta	tcctgtcgac	aaaattttctc	cggctatttat	tatatggggag	aacacacttg	660
ccagaagtcg	g					671

<210> 5196
 <211> 676
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(676)
 <223> n = A,T,C or G

<400> 5196						
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cataagcttg	cagagcaagg	ccgacgtaat	cgcattaata	atgcgctcaa	ggaaattgaa	240
gctctaatcc	ccgctgagtt	tgtcaacatg	aaaaatgcga	aagatgctac	gccttgcaat	300
ctgaaaggca	gtgaaaagga	aaaagagaaa	cccagcaatc	agcagatcag	taaggccagc	360
actgtggaaa	tggccattga	ttatatataa	gcattgaaga	aggaactcga	ggaaacgaag	420
ggcaagctag	aggetgctga	ggctcggcta	ggcgagaaaag	agactttctc	agcccacgac	480
ggcgacttag	ttagccctga	aatgagacaa	ttcggaaaac	ccggcgaggt	tgtaggtgtg	540
cttacaagcc	ctgcaacgaa	tggccctgca	taglctttacg	atggagacat	cgtagtgatt	600
tgaaccgaat	ggggtctttt	gctagagcac	ctgttttaatg	tgacatgctn	tacgacagca	660
gaaatcggga	aactgt					676

<210> 5197
 <211> 665
 <212> DNA
 <213> Aspergillus oryzae

<220>

<221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 5197
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 accgaagcaa gtgcgcacct gcgtaagaag cttaaatatg gaaacttgca tcgccaaacta 120
 agagctctca ctatctctga tttcttgatt caaaatgccg gagaccgctt tttacgggaa 180
 tttgcagacg agcctctact ggaacgtctg cggatcgctg ctacggaccc catttctgat 240
 cctctagtca aagaaaaatg caagcagatc ttcggacagt gggcagtatc ctacaagaac 300
 acaccgcgca tggaaacgtgt gacaggcctc tacaggcaat taccgaaacg caaacagccg 360
 gccaatcaag ctaaaagcga gggttctccg gagtctggca cttcggacga acctcaaag 420
 ggccacaccg tgtccatctc tgcgggcaat ggcccggcta cagttctaag tggccctaag 480
 cacaacata ctttcagcaa atctctcnng aaggaaaaga aagagaagaa agtttgcgga 540
 caagactctt aacctcgaaa aggagaagcc cgaaatttta cagacaactc gctctggatt 600
 cggcgctagc acgaattctt taaaacgcac ctaaaacttg tccccgaga aaaacaacgg 660
 ttggg 665

<210> 5198
 <211> 637
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5198
 ggtggaacaa tattcttgaa tccatttcta aatacaaaaga taaacgaaat gacgataatg 60
 ctagtgcggg ttggatacac taagagccct atggctgctt tagttgaaat tcgatagtgg 120
 atagtggagc gaccaagctt tccgtactcc gtaaataatg cccgaaactt ggagcaaccg 180
 ttacattctt cccccagaga tcggcggact ctgttcttca aaccatgcag tgtacttgcg 240
 cccatttgac ttccggtccat ccacaacctt gatgcttgat ttccctcggc agagtatttg 300
 ccgtgcgctg gacactccc gaggaccttg cctgtaatcg caaatcgact ggaatagggg 360
 tctgcaatgc acttagcga cagggctcca tggcatagga atcaaaatcc gactctgcac 420
 gctttggatc agagggagag tcttggtgcac agtctctgcc catccttcga taccatga 480
 ctgctctcgg cgaatcttgc gttcttcgag attcgcaaat tgccacaggt ggtgcacagt 540
 gttcaagtcg ccaatctgaa caaaccaggc accgactccc tccatgactt cagcagcagc 600
 cctgaggccc gttcgccagt gcgattccca ctccaag 637

<210> 5199
 <211> 1262
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5199
 gaaaaaacgc gaaagcaactg acagcacccg acctgatgct cagcgactga accgctctct 60
 caacgggaagt aacggcagta ttccagcccc cgatacccaa cctaatctcg gccatgcctc 120
 gcttggtctt tatgatacgc atggcctccc tgggtgcagca tgggagctta acattgacca 180
 gcaaattctc caacatgtcg gtccgcagaa cggtatctct gatgagaatg ctctgacagc 240
 taaagctgct ttagccgcgc aaccaaccgc gaataaatac ccacctcccc cagacgcgac 300
 atttgacagt agccttccac acggcctgac cttcggagat gaaatgggcc aagcgatagg 360
 tggcgctcat ggtaacaatt ccactgctgc tgcgtcttat gctgcgcgcg aagcgcaaaag 420
 ctatgaaccaa aagccctccg ttgggtcggc ggaatgqcat caaatccgca agaacaacca 480
 caaagaagtg gaaagctcgac ggcgtgaggc gatcaatgaa ggtatcactc aaattgctcg 540
 tcttggttcg aattgcgata agaacaaggg tgcctattctg caacgcgcga ttgaatadat 600
 ctgtcaactt catgaacgaaa agaaggcgat gagcgagcga tgggaacaga ataacatgac 660
 taagagtcac gccatcaacg aaatcagcgc acagaactcc aaattaaaag tcaagtttaa 720
 tggcgctggg gatattgcgc tcaagtggct gcaacgctgt cgcgatgcgg gctcagagtt 780
 tgaagatcat gaggaggcca aggagctgga acctctggag gttgatnagg ggcaggtttg 840
 acatccggtt caattctctt tgcctgcgtat acataagng cgagaactta tctctgcgat 900
 gatcttgggt ccgtactaaa cgtgccacga cttatatact tctcttttgg aaggctggaa 960
 atctgacat agccactctt tctggacatc tcttttctc tgcacatctc gatgggcctc 1020
 cctcccttga acaaaactttt ccagatctgc cgagatgcga tctaacaacg gcactggtt 1080

tttatggaat	ttgcaggtac	agtctgagta	catcttccac	tgagagtgag	tacgtgacta	1140
gtcttttacac	gctaattggt	taagcctggg	tgcggtattg	tgagatgttc	ttttctctat	1200
aggcgtcacc	cctccagaaa	ttgcttttgc	tcactctatt	atcttcgtga	cgctatcttt	1260
aa						1262

<210> 5200
 <211> 653
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 5200						
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cacctctctc	ccccgcgtcc	agctttcccc	gctcccggac	caccccgcca	cgatgtcttc	180
cgcctctgcc	tctaccccg	agacaatccg	ggacgacgtc	aaggctcgccg	agaccaaggc	240
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gagtgtaactn	cggtgcaaat	gatgttgtga	aaagacggtc	gccgccaggg	tcttggtcgc	420
gaatggatgc	tggtggttct	gtcctctcgg	cgaataaacc	cctattgtcg	ctggcagctt	480
ctgggggtat	gaatgtggcc	aaacgcctcg	taacaaagtc	ttccgaaggg	gcggtgaaga	540
ccaacacccc	ccatacacca	ttgggcaaaa	ctcccgcggc	ggtttttttt	tccgcattcc	600
ccagaacctt	aatacagctt	ctttttaacc	aaacaagggg	cccttgccaa	acc	653

<210> 5201
 <211> 822
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5201						
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attttatcgc	acaaatcttg	tctcatcttc	ttccttcttc	ttcctctttc	ctctattgac	120
tcccatctca	gcctcttggt	ctactctacc	aggacttcag	aatgtctaaa	ctgtttatcg	180
gcggcctggc	atggcacacc	accgacgaga	gtctccgttc	tggtttcgag	aagtacgggtg	240
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gcggcttcca	aggccgtggc	gggtacaacc	agcgcggagg	aaacggtgga	ggatacggag	480
qatatgggtg	cggatctcgt	ggaggatatg	gtgacggcga	ctggcgcaga	agcgatggta	540
actaggctaa	ggcccttgcc	tttaactaaa	gcgtggattg	aagtacgggtg	caggtggact	600
gatecttttc	gtgcattggg	taaacggact	tcctcgctca	gataagcttc	tatctcgata	660
aatacttcat	gaaacacggg	ccgcagaaga	agaattaaac	gcaatattac	cgcggaacca	720
tggttttaag	aatcacggat	gccttatctt	tgtttttaaa	ggcatacccc	attactcgtt	780
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<210> 5202
 <211> 574
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 5202

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gattaagctc	ggtggacatg	aaaacccgat	ctacatgcgc	acaaccagcc	ttcttttgcc	120
gctacccacg	cggattttta	gtatgcgcga	caatgtgatt	atccttacca	gcacgggttat	180
cgctctancg	ttcgggaagca	tcttcaacct	tttagtccgt	cgttcgtctc	ccgccgaaga	240
ggcagccgct	ctcacatcac	acacattana	ggccctcttg	caagcagagt	cctaacaatt	300
cgggacggga	ttaaaggaaa	aaaccctaaag	ggtaaataac	cctgtcacat	tataaacaata	360
ttatgcccac	tccttttttn	ttcnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 5203

<211> 662

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 5203

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cgtctctttg	cgctctctct	cctcgacata	cctgtctcag	cggacacgga	gatggcagtc	180
caccgaggcg	gaggctgctg	ccctgtcaa	tcaccaagatc	agccagattg	ttgaccagat	240
cagcacattg	acgctgctgg	agaccgccga	cctcgtggcc	accctcaaga	ccgcctcaa	300
catccccgac	ctccccggtg	ggggtttcgc	catggccggc	ggtgctgctc	ccgcgcgtgc	360
tcgccgccag	gaggaagagg	ctgctcctgc	cgccaggag	aagacctctc	tcaacctgaa	420
actcgagtcc	attgacgcgc	cctccaaggg	caaggctcgc	aaggagatca	agtcnctcct	480
cggctctccc	ctggttgaca	gcaagaagtt	cgtcgaaatc	gtgccaaagg	tcctcaagga	540
gtccgtgccc	aaggaggacg	ccgagaagat	catcgagacg	ctcaaggccg	tcgggtgccag	600
gggcatcatg	gagtaaacgg	ggaataaaat	ttcgatgaaa	tgatttatcc	tggtggatgg	660
cc						662

<210> 5204

<211> 1015

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(1015)

<223> n = A,T,C or G

<400> 5204

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gcaagatgca	aaaccttacc	aactatcgga	tgagagttac	tcttaacgat	ggccgacaga	180
tgaccgggtc	aatgctcgca	tttgataaac	acatqaacct	cgtcctcgcc	gatacagaag	240
aattccggcg	cgtcaagcgg	aagtcacaag	cggctgctgg	acgggttaac	gcttctctcg	300
tggaatcgga	agagaagcga	acgctcggtc	ttaccattgt	gcgcggtagc	cacgtcgtct	360
cttgcctcgt	tgatggacct	cccccgccag	acccctctgc	acgaattgga	acaagcgtcc	420
cagcgctgcg	tgcctgcgca	gcactctctg	cggcgggtcc	tggaatcagc	aaaccgcctg	480
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ttcctggggg	cttccctggg	ttccctctctg	gtgggtttcc	aggagcggcg	ccanccaggat	600
tcgctggccg	cggagcgcct	cccgaggagc	ctcctgggtt	cgcctctccc	ccaggatttg	660
cgcctccagg	cggacctccg	gccgntttc	aacccctccc	agattccagc	ctccggccca	720
gggacgtgaa	ttctctccac	cagaatttgg	aggacggtga	acttcccatg	tcaaccggac	780
cattecgtaa	cattattcca	accccaattg	aaccaggggc	gcttactatg	gttggatata	840

aaataccgct	tccatatcat	atacgtgtcc	aaagataagc	ttaccacacc	gagttttacc	900
gccaaagggt	ttgcggcggtg	cgcataatcca	ggaattgccc	cattttatacc	aaggggacccc	960
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<210> 5205
 <211> 431
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 5205	
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actcgccgag	120
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cctgatccct	
cccaagatcg	
cttctcctaa	
cgcatttggc	
gctgcctaaag	180
atgctgcccg	
tatggaccgc	
gttgtgaact	
tctatgcccg	
ccttccccgt	
ggctcggctc	240
ctgaagttaa	
gcctactggg	
ctcattggcc	
gctaccaggc	
tcgttacttc	
ggcaagaacc	300
cctctgctgc	
tcccccttgc	
cacgccatcg	
gtggcattct	
cctcctcggc	
tacagcatgg	360
agtactactt	
ccacctccgt	
caccacaaga	
accaccnca	
ctaaattttc	
tcgctatgat	420
ttgagggggc	
cggaagattc	
gtgtatatac	
cgtgaccta	
gaatgaagca	
atgtaaaaca	431
cattcaagct	
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<210> 5206
 <211> 1033
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5206	
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cgtccattcg	
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ggcgcttcgt	120
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aaacgggcaa	
cactgctcga	
ttcttcacac	
actcaccgat	
taagccatct	180
caatccaagc	
ctctcgcccc	
ggccacctcc	
tctatctttg	
cgaatctag	
acagaccttc	240
cagaatgcct	
tcctgcttac	
ctacatgcaa	
cctacctacg	
atgccaccca	
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gacttctgta	
tggcgccgcc	
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gaaccatcct	
ggcgaccaac	360
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ggcggcatgg	
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gcgcagctat	420
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tcaccacaggc	
agccctcttc	660
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ctggctcttca	
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ctggctctgc	
tcctcttgct	840
ctccccgcta	
ccgccacccg	
caccttaatg	
tggtctgaga	
agatctggct	
gtatggaggc	900
cttgctgtct	
tcggtggttt	
cacactctac	
gatgtgcaga	
aggtcctgca	
ccactcgctt	960
atggctgaga	
ggggccttat	
ccggagggat	
gttgtgaacg	
agagcatcag	
cctcgagctt	1020
gacttcatta	
acatcttcac	
ccgtatggtc	
cagatttttg	
ccatgcagcg	
caacaacagg	1033
aaataagcta	
ctg	

<210> 5207
 <211> 719
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5207

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ttgtcactca	cccacgtcag	accctcctgt	ataatctgtt	cgatattgag	caagcgcgga	180
aggccccat	cgcggtcttg	ggcctgacta	cgaaagtgga	tgtgactgag	atgctggaaa	240
agcgagtga	gagtcgggtc	agccatcgct	acgtctatgt	accactccca	agatcattag	300
aaggcttttc	cgaaatttgt	cgagctgggc	tggacctgga	agataaggag	gtttcggact	360
acttgggaaga	ggccaatccc	gagacgcgct	cacttatcac	atccgaaaag	ttcgcaaggg	420
tatttgaagg	gtggagagcg	tatttgcagg	gcctgtggag	tgatgaggcg	tttcaagcgc	480
atttacggag	gatattcttt	caaactagat	cggcaaagga	gttctttacc	agcgctttga	540
ttggcatgac	ggagctgcat	tacagcacct	acgacccccc	aggcggagct	gccacgctcc	600
agatcccaac	gccaaccacc	tttagcagcc	aaagcctatc	ttgtccaaaa	tccggacctc	660
tgcggttctc	cacctcgacg	acgacctctg	ccagtccttc	gncgctgccc	ctatctttg	719

<210> 5208

<211> 565

<212> DNA

<213> *Aspergillus oryzae*

<400> 5208

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caccctttgc	gtactgggtg	ttgctagttc	ggcggatcca	accgcacaat	gcgataactg	180
gaccgatca	atgctgcgca	acggtcgggt	taccgactga	cagtgtagtc	tcacctttac	240
ttggcttgct	cggagtagtt	gttccagaca	tgagcactcc	agttggattg	acctgcaatc	300
ctattgtcca	gggtggatct	tgcccaggcc	accccgtttg	ctgtacagga	aataatttca	360
atggctctct	agcccttggc	tgtacaccgc	tcacgttatc	tacatgaaaa	cagtaaaaaa	420
aaagcaaagg	caggcacggt	tcagttagta	tttcgatctg	gttgggggag	agggaggcca	480
aaatgtctcg	gacgaaaatt	gattacaagt	gtacgttgag	cagaaaatgtt	caagggtggtg	540
atgaccgtat	agaaacatgt	cttat				565

<210> 5209

<211> 771

<212> DNA

<213> *Aspergillus oryzae*

<400> 5209

taattcaatt	taatacttct	tttctactcc	actatctacc	acttatcccg	cttattacgc	60
ctgtcagagc	aactgtcttg	aaatcagact	tttacctgcc	ccttgctgtt	gcgaacctct	120
cctcgggtgac	gcaacgactg	acacgctcga	actcttggga	atcttttctga	gaatcgctag	180
tatcgcccat	atccatatat	ctttcaccta	acacaatgtc	tggaaagtgtg	gacaagtctc	240
ttgacgagat	cctcgctcaac	cgctcgtcagg	gcgctcgctc	ccgcaatcgt	cgttcaaccc	300
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cctccggnaa	ggctgctcaa	gctggacacc	ctatgtcaac	tgaaagcaaa	atcatggtca	420
ggggtcttgc	ttccgatgtg	aatgaggcca	atatcaagga	atacttctct	aaatccgcag	480
gaccgctcaa	gcgagtcatg	cttacttaca	acaaaaatgg	cactagccgc	ggcatcgctg	540
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tccccgctgc	caaacctctt	ggtgagcgtg	tcgcacaaac	caagtcccag	cccaagccgg	720
ccactgccag	caatgctacc	gacagcactc	gtggacgtgg	ccgtcgcggt	g	771

<210> 5210

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 5210

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aggacgaaca	ctacgcccag	gagaagcccc	aggtcaccaa	gaacaacggt	cttcttgcct	180
cggacgacga	agatgatgac	tacactgata	ccgagtctga	aatatccgag	gactccgata	240

tcgagctcga	cggcgagacc	ttctacgagc	gtctgtccgc	tctgaaagac	atgatccctc	300
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tcccattcgc	gctcgcctat	gcggaggagg	agcagtagct	tcagatggag	cgtgagcagg	480
gcatgatcaa	gggtgccaac	gagatgctca	cccccggtgc	gatttccgag	gagcagaagc	540
aggctcaacc	tactctgtaa	atggacatcg	ctagtgaagg	caaagaccgc	aacaggtgtc	600
aatgatcagc	catcaacagc	tttaacctat	agtctacgct	cgaaccgcct	gttgctgtaa	660
agcc						664

<210> 5211

<211> 939

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (939)

<223> n = A,T,C or G

<400> 5211

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gtatcattgt	tgctgattat	cggcacttat	ttatagggta	ctagtcacca	gcagcgtgac	180
ttgcactatg	ctctagetta	tcatttgccc	atctctccaa	ctgctgcact	ccatcattta	240
catcaccggt	ggagagagcg	gatacttcca	gcacccccc	caccgtccat	cgaatactcc	300
tctgatcaca	tattctctcc	catcctgtcc	ctttctctgg	tgacccagtc	tttcatcctc	360
taacaatcaa	ccccccccc	ttgtttttga	cggctccttt	gctgagacaa	tctcttcgta	420
ttaactatga	agatccgagc	agcccttgcg	ctgagcgcaa	cggcatcggg	cgttctggcc	480
gcggtagttc	cacagcaggc	actggtgaat	aacccccc	tccatcacga	aaatgaaaaa	540
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gttgctcggt	tgacccaccg	cctaaccaag	gccaacatgg	agcgggatct	ggaaaagtcc	780
acctccttcc	acacgcgcta	ctacaagtc	cagacccgaa	tcgaaatcgc	gacgtggctc	840
tacaatcaag	tccagacggt	gatcgaacaa	tccggggcag	cggaacatgg	cgcgaccgtg	900
gaccggnntg	cccatctcgt	gggtcagntc	agcattatt			939

<210> 5212

<211> 1268

<212> DNA

<213> *Aspergillus oryzae*

<400> 5212

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ttccgatcag	ccctgttcc	cctcctcctc	cccttgccgc	tcagccacac	aaccttcacc	180
actctctacg	tagacgaagt	caaccagggt	gatggcacct	gtgtccgtat	gaaccgtgat	240
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gatgggtgaa	aagccgtctc	ccgggtgtgc	cccgcgaaa	ccaactccct	cctgaccttc	360
gaattccggg	catggggcga	ggggggnaaa	ccgqattcca	tcgacatcag	tcacaagggt	420
ccctgngccg	tgtacatqaa	gaagggttga	galgagacag	ccgttaacaa	cgttgngggc	480
gaaggatggg	tcaagatctg	gcacacgggc	tacgatgaga	gcacgtgaa	gttggtgcacg	540
gagaaactga	tgcacaataa	cggggtcctg	tctgtgnggg	tacccctcga	tattgaacag	600
gggtattact	tagtcaggac	ggagctcctg	gcgtgtgcatg	ctgctctctga	gacgncggt	660
gattcccaagt	tctatgtcaa	ctgtgcccag	atctttgtgc	aggggtgggtg	tagtgogaag	720
cctgagactg	tlagcatttg	tgagggtctc	ta...atttg	agngccgggg	cgtgaagtac	780
aatatctatg	agaagccccc	gcagctaccc	tatccgatcc	ccgggcccggc	tgcttatgag	840
agcaaagggtg	ttgaggagcg	ttcggtctgt	ccggcccaga	agagggtctgt	caactgctcag	900
aacaagggtc	tcaagccggc	cggtgtgtatc	ctgcagcgtg	ataactggtg	tgggttttgag	960
gttccctgact	atagtgatga	gaacgggttg	tgggtctcct	ccaagaagtg	ctgggatcaa	1020

agtcagggttt	gctatgacac	cgctcttccc	acgggtgtct	ctgcctgcga	tatctggatg	1080
accaagtgc	attccattga	cgacgcctgc	aacagcggcg	atttcaacgg	acccccgaac	1140
aaaagcaagg	ttcttacacc	aaaaccaaag	acgcttggtg	gatcgaccca	ggtctttaga	1200
gagatgtaag	gaagtacaag	aagtggaccg	catgattgaa	gcattggtgca	tggagtaaca	1260
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<210> 5213

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5213

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cccaaaatgg	ccgatgcagg	actccccact	ggcgatgccc	ctgctcccg	tgagcatctc	180
aatatcaaa	tgaccgacaa	caacaatgaa	gtcttcttca	agatcaagcg	ttcgacgcag	240
ctcaagaagc	tgatggacgc	gttctgtgag	cgtaaaaggga	agcagatctc	cactgtccgt	300
ttcttggtcg	acggaactcg	tgtacgccc	gaagacacgc	cagacactct	ggagatggcc	360
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cttgacttaa	gcttagaaaa	gcttttagaca	caagcgaaact	aaaaacatgc	tgggctgtgg	600
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<210> 5214

<211> 780

<212> DNA

<213> *Aspergillus oryzae*

<400> 5214

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tgccgacata	ccaagttcga	accatatctt	cctcctcata	cagaagcagt	aacagaccag	120
ctgtttcgat	cctacgggat	gcccacggg	acaacaataa	aaggtttccg	gattgagtc	180
gggttcgcct	ccaatgacac	atgcctagc	gacaaacaat	accctgtcat	aatcttctcc	240
ccaggcttag	gagcgctccg	attgtactac	tctttaatcc	tcgagtcctg	agccagcaca	300
ggcttcgtgg	tagtctccgt	ggaccatccc	tatgacacct	cgagtgtgga	tttccccgac	360
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ggagcgctct	ggggccccgt	agtcgaagag	ggtctcgacc	ggccttttat	caattttgga	660
gacgcgaaca	ttacacaact	ggataacaat	agctggggaa	agatctggcc	tcattctcgg	720
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<210> 5215

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5215

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acccactccg	tgggatgttt	ctgtcctcat	taccgcgctt	acagcaagtg	ccaattctga	180
gcccacacttc	gtcacggagc	gtcgaatcac	tccaacatgg	acggttatcc	aattaaaagtc	240
aaagttggaa	acaatgacag	ggataaccac	tggcagtcag	agcttaaaat	tgaagacacc	300
tgggtttcct	gaccaaaggc	ttgacgggtg	tgagaacatc	atcggtgatt	gggagttgag	360
aaagggtgtg	gagatcgagg	ttcatgattc	ccgcccctct	tcagcacygc	cgaactttca	420
tgatctatcc	tctgttgaaa	aatacgttct	tcctgcagcc	acctatgagt	ccctacccaa	480
ttcagttattg	gcgtggaaaa	agcaccagaa	acttggtcgg	tttgatccaa	atgtactatc	540
ggcgtacgaa	tgggcaacga	agccagctga	acaagacgcc	taggatattg	ggagtcgagg	600

taagaagcct aaatggaaac gcattccata aagagaaaat gaaaccaaat ctttaactat	660
cagaatgctg g	671

<210> 5216
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 5216	
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gctattctct cttacttgcc tccctttgag ggctttctgc ccaagtggct tttccttgtc	120
tcgggtggtct ctlnccgaaa cagcattcaa gggtaacgat cggattccta cgcgcggag	180
ctctacaatg gacaatccgc tgatggctgt cggtaacca accccttalc ctctcgcacc	240
ttgggtacct gaactttcct ctccgctgtg atccgaatgt acgcagctta caacatcacg	300
accctgtgg catatgacct tgcctatagg actttcggaa tcgccttggt acactttggt	360
ggcgagtggc tgggtttcgg tagtgcccaa ctcaaggggc gtttcgtcag cctctttatt	420
gttgcgctcat caactttagc ttggatgttg acacagaggg aaagctatct ctctgcctaa	480
tttttttaca tgcgagacgt taacctatcc ctcgatgtat tacttccctc ggtctttctc	540
tctactcgag ctcccggta ttgcacgaa ccctacctgc agtcccgggt gtaggaagga	600
gaaaattaaa gaataataga taccatggg ctacaaaagg tggttctgtg ccaaaaaaaaa	660
a	661

<210> 5217
 <211> 711
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5217	
ccttatgcgg acatcaacct atggcgctcg ttttacttcc tactcgccga ggagctaaag	60
aagaacatct gtaccatgaa tgaagccagt gtttcggtag aagtcttcga cttccacctt	120
cgtatgcgg gtcaggatac cagaaagtag aacttcaaag cttacgatga ggtgcatttg	180
gcgcccattg gatacttcca gccatccatt ttcgaccatt cactaaaact caacggacga	240
aagacattga tatcccgctc agtcgacatc tatgacggcc aaccaaaacga cccaacatct	300
gcagcgcaat cagaactctt gacagccatt gctcctcctc ttaatggcca ggtgaatggc	360
gacactcagt ccggtacttt agatgtgcaa tcgactccga gccgggtcca gcaagtaaat	420
gcccttagtc gcctacaaga ggccgaagct actcctcgat cctcagttgc cggatctcct	480
gcaccagatg tgaccagtag tccgcaagct ggtgggtgct gtacacctgc gggtcggtag	540
caaaagcaga gcacatcgca gcctcgtgca ccgaccgttg aagagcgcca cgatatattt	600
gcgacggttc ccacttgata gggcgaaact taaggctatt gctcaggctg ctgggactga	660
tgaccgtaaa aggcacaaact tcttggcggg atattgggtg ttgtaggcgg g	711

<210> 5218
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 5218	
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ttccaacacg atcaccgtga cctccacca actcgcaaaa atgatcgacc actccctcct	120
gcacccgacc atgaccgacg aagacattgt tgctggctctg caaatcgccc gtgcgagcaa	180

cgttgcaacc	gcctgcgtga	agccatacct	catcccactc	gccaagaaag	agctcgccgg	240
cagcgacgtc	ctcgtttgtc	cggtgatcgg	gttcccccat	ggcaacagca	caacggaaat	300
caaagtgatc	gaggcgacag	cagcagccaa	ggcaggtggc	aacgagattg	acatggtcgt	360
caacgtggga	aaagtccttg	gcggcgattg	ggactatgtg	aaggaagaga	tccgtcagat	420
caacgaagcg	gttgtggcta	aatggtgcca	tctcaaggtt	atcttgaaaa	tgatatctnc	480
catctcagca	tatcactaga	ctgtgtgaga	tctgcacgaa	attgaaagtc	gcttcgtaag	540
acctnncacc	ggtatggctt	gtcaagcaga	aggatgatca	tacaactatc	gtggagcgac	600
ggtcaggatc	tncagctcat	gagggagaaa	tcggggagga	tgtcagatta	g	651

<210> 5219

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5219

ctcgagggag	cactcttggc	ttcttcgagt	ttaagtgtatc	ctatgttacg	tacttgaatc	60
cgacataaaa	caaateccctc	ccccctccctc	acttgccaac	ccggccataa	tcacctcaca	120
tccattgggtg	ccctagccctt	cccgctttct	ccgctgaacc	gaggttgccg	attactttta	180
acctgtccat	tgcgccccat	aaccacttga	tctccccctc	tgaacaatct	gcgcataatc	240
tctctgtgct	gaagcatccc	aaatcaacat	caatcatcat	catgtctgga	cacgagaaca	300
acgggtgctcc	ccccgtggga	caggagaaga	tcaacaccga	catcgtcacc	ctcacaaggt	360
ttctgacaga	agaacaaaac	aaggtgccag	aagccactgg	tgactgcaca	ctcctctgcc	420
acgctcttca	gttctccttc	aagtcctatg	cctactatat	ccgtcgcgca	tccttaatac	480
acctgacaag	actggcgggt	tcttcaaaca	ccacaggcga	tgacccgaaa	aagcttgacg	540
gaatccggaa	gatatcttga	tctccgccat	gcgcgggtca	aggaaatgcc	ggatcctcgc	600
ttcggaggag	aaaaagaaac	catgatcttt	aaaaagcacc	ctactccgcg	tacgcaggtt	660
gttgggaccc	ccttcaaggg	tcttccaa				688

<210> 5220

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 5220

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cgctgataag	cgattcttga	ataaccggac	ccaacttccc	aagtggatca	ctcaggccat	120
gcttgaaagt	gaaactaacc	ttagtactga	tatggccgtg	gccacggcga	ataacttctt	180
acgcggcatt	gctcagcctt	ttaaggccaa	agatcaggac	agtatctcga	catggagctt	240
ggcagattta	gaacgacgtc	gagagaagca	tatgttggag	gaagatagag	cactacgacg	300
agcactggct	aatggacatg	gcgcaaaacg	tggttccaat	ggtgctgccg	ccgctgcaga	360
tgaattcgat	gacgacattg	acgacgacct	catgatgttt	gatgcacagt	gaaagccaag	420
ctatgcagta	ctttttcttt	ccatatatttg	ggctttgtca	tccacgccag	tacacccgga	480
atgtttgtta	gctaaatatg	gtttttcgat	ctctcgggtc	ttcttagacc	gcacaaacat	540
cctggctcat	tcaatacccc	aatacgcacg	atgcattgtt	tgtgaacgty	gacttgagat	600
tgatatagat	attgtagttt	ttacgtgcta	ttattcctga	caaaaacaga	ttttccccaa	660
tcggcttggg	ttccacgggg	gacacgtttt	attt			694

<210> 5221

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 5221

gtaatataga	cggacatcat	gggtcgcaag	cgccttaact	tctctgtcgt	tgctgcggat	60
gaactgagct	tctcagatat	atgctgcttt	ggcggcgaga	tccgcacacc	gaactctgat	120
cgcatttgga	cacagggtgt	acggtttact	gaacttccatg	ctggggctgc	atggtctctc	180
accccgcgca	tgatcatgac	cggcacagac	caccacatcg	cgggctgtgt	caacctcact	240
gaatggacca	acatctccgg	ccagaacggt	cccaaaggct	ccgcgatgag	taccgtctca	300
cagcgcgga	tgcaggtta	cgaggggtat	ctcaatgagc	gcgttgtggc	actccccgag	360
gtcctccgag	atgcaggcta	ccacaccctc	atgtccggga	aatggcatct	gggcctgaca	420

cccgagcgtt	cgccatttaa	tcgcggettc	gacgcgtctc	gaccccatct	cgctgcctgc	480
tcaaaccact	acgcctatga	gcaccagcta	cagggcaccg	atgagacacc	cactttcctg	540
gaatctagct	acatcgccct	gcacatggca	gacgacaagt	atgtcaacga	agctgcccga	600
aggctggtac	tcatccgatg	gatattgcga	caagatgctc	cagtacctcc	gtaaatgg	658

<210> 5222
 <211> 512
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 5222	
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accatgaaat	acccattcaa
gccaacggcc	gtgtcctggc
gccagctggc	tgcccgccaa
ttctacagtg	ccagaagatg
gaaactggat	tgtatatgct
aagaaaatct	attcccgtcg
gtttgggatg	ttccaggatg
aattaaagat	ttntatttgt
	ttcaaaaaaa
	nn
	60
	120
	180
	240
	300
	360
	420
	480
	512

<210> 5223
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5223	
gggaataacg	acaattcgtg
tcgagtgaac	agttctcaga
ccttgctcct	gacctggtag
gttgaagggc	aacttcagtg
caatcaaaact	atcactcgca
tgtatctcgt	gtacggaact
tgagagcggg	aggtctccgg
cgctggtcac	agcttcaacg
agggcaaaaag	atcgagctct
ccttctgggt	atggttgaaa
aggttaacgg	gaaqcttttc
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	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	668

<210> 5224
 <211> 638
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5224	
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tcggacagtc	gaacctcagc
atcattatta	ttacggtcac
agaaaagcta	tacaccttcc
tcagacagca	catcggttac
ctcttccaaag	agccacacat
attttccacg	tgttccacgg
ggcgaaaacag	ctctctgatt
ataccgctga	acacagagct
	acgtccaggc
	gacatgacac
	gcaccacata
	aacagatccc
	60
	120
	180
	240
	300
	360
	420
	480
	540

gcagggaaag caccaccaga aagccgttta tactgggcaa cgatcgacgc ttcgggtctg	600
cctatctcga ctgtttggat agcttggaca tcacgggc	638

<210> 5225
 <211> 692
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 5225	
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cctcgtatga attgaaaaac caagtaacccg ccaataacga ggtccgcacg tcgggttggtt	120
attccacaaa ggatcctgat aatgctgagc tcgcgcgcctt gggaaagaaa cccgttctga	180
agcgaacctt cgggaatcttg tcgagtcctg gtttcagttg taccattctc gccacgtggg	240
aagggttatt tggtaacctc ctcacccctt tgcaaaatgg tggccacgcg ggcgcggtct	300
actcgttcat cttcgtctgg acgggaacag catgctcctt cgcggtgctn tcggagctgg	360
tctccatggc accaacgtcc ggagggcaat atcacttggtg tgcgatgctt tccccgccga	420
ggatgatgaa atgcttgagt tacatcacgc gctgggtgac aaccattggc tggatgtctg	480
cttttaccag tgcacgcttc ttggcgggga cggaaaattca gggcgttggt acccttgccg	540
acgacaatat gatcccaagc catggcaagc accttattat gttggccgca atatactacc	600
tctgggataa acatgtcgga ggaagtgggt ccaaaattca aaactcgttt caagcgtcaa	660
atcctgggga aattccgaac ctgacccctt gc	692

<210> 5226
 <211> 645
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

<400> 5226	
gcattggtgtc aacaaagact gtggacaaac atacaggggg ggctggggcg catgcaatac	60
gaagtccttc tcaattcacg acgatgccgc ccatcacctc gacccctcat anggggggcg	120
ctgttggtga gctcattctt atcgcaatna tcaaaaggca ggctgttggt agacttggtga	180
cgaagtccga gaagcttatg ctcaggcctc gggggccttt ggtcgcggcg aggggtgtga	240
gcagtgtgag cgcgatacct atggcgagaa gttggatgag caacgagagg agggctgcgc	300
catagaggga ggtctacgcg tgaacaagggt cattggtaac ttccatgtgg ctcccggaag	360
aagttacagc agcgggaacg tgcacgtgca caatcttaac acctagttag atgtgcccac	420
gggtttccgc gacgatctta ataagctggt cactgacgtc ggttgccgac gtgactcgct	480
cagatagtgc tgagaggctc cgcacaagaac acggttggga ccgcccgcag caaactttga	540
ggcggaactc tgcgggggag cgcgagaccc agagagcact ctagagnnct ttgaaaagat	600
tgcgccgaat aatatcttcc tcttgggggg gaaaaacagg ggcat	645

<210> 5227
 <211> 689
 <212> DNA
 <213> Aspergillus oryzae

<400> 5227	
cttcacccga aggcctccagt ttggtctcgc gtccaaacgt cttganaccc aatcattgac	60
ctgtagggaac catttcaaatt attcctgcct atcacaatgg atgtggcacc taagcagtcg	120
togaagctgc tacggctctc ttccaaacgc atcacgttcc gtttactcca aaacctctgt	180
ctttctacct ccgcactaca agttccaaca acttgaataa cgttccacca acaaatgggg	240

ttttctaacc	ccgaacctca	teccccaatt	aattttgaaa	cttggggggtt	gggtcgaaac	300
ctgaaggacc	ccttcttact	tttccaatcg	ctgggggtcc	ccatgaccac	ggttattcaa	360
ttcttcctta	acaagacagc	atggatcttg	taacggatgg	gaaagttcca	cgggattttg	420
aacctgttc	ttgcaaacct	gattacgtta	attgaccgga	ttgcattttg	aaacagcttg	480
acggaatcgg	ccttcaaaat	cccaacccca	aatgctttta	cggcggaaaa	cgtcacacta	540
aagctgaatg	gtgggctgga	cacaaaaagt	tttgaacctt	ataaaggaaa	ctacgggggtg	600
gaggaatccg	gaatattcat	ttttcaaatt	tgcgcaaaaa	aaatatcgct	ctaaaaattg	660
ggcaagttaa	accttcaacc	attgccact				689

<210> 5228

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5228						
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gcttccatca	tggaacctct	ccagcaaaat	atcatcacc	ctctccagcc	ttacctccgt	120
cagatcgtct	cgtcgttgcc	ggaacctgtc	cacgataccg	tcacctcgct	gatcggatca	180
tectgccaca	acgtcttttt	ggttgatctc	gatgtcacca	aagacctgtc	ctgcacgtcc	240
cttgcctatc	ccaaggcact	cgggaattgcc	atcgtgggtg	ccagcgctat	cgtgaagggt	300
ccccagattc	tgaaattgat	cggatctcgc	tectcgcccg	gcgtgtcctt	tgtgtcgtac	360
gctctcgaaa	ctgctagctt	gctcatcacg	ctgtcgtaca	gtgtgcgcaa	ccagtttctt	420
ttcagcaatt	atggcgaaa	cgcgttgatt	gccgtacaag	atgtagtggg	gggtgttttg	480
gtgttgacct	tgcgcgacgc	atcaactgcg	gctgcggcgt	tcattgccgt	tgttgccggc	540
agtgtgtacg	ctttgctttt	cgatcaaaat	ttggtggacg	cgcagactat	gtctcttttg	600
caggctgggtg	ctgggtgccct	angcgttgcg	agcaagcttg	cccagatcat	aaccattagg	660
ctgcgaagga	ggcactagna	tcacgtgagt	gcttn			695

<210> 5229

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 5229						
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ctatagcctg	agaggctttg	cgtgtgcact	atttggcacg	ctgtggatag	ccctgggtctt	120
ttgggtatct	gagacctatc	tcattttccc	tttaacgcaag	atccctgggtc	cctttctcgc	180
cggatggacc	aacctctggg	ggatgtacca	tgtaacgcag	ggacagtctc	aggtgggtctt	240
ccatgagctc	caccagaaat	atggccacgt	ggtgcggatc	gcccctaattg	tgcctgactt	300
ggatctgccc	gagatgata	aaacctctct	caacacaaaa	caadactatc	gcaagaccga	360
attctacbat	ggtagtagtg	ccaaaaagcaa	tggctgaatt	atttacaatc	tatttcagcga	420
gtgtgacccc	gatatacaag	cgcacacaaaa	ggcagccatt	gcaaaagtatt	actccttgac	480
cgggtgtctg	ccacttgagg	cccatattga	tgaggtgac	aactacctct	gtcagagggt	540
ggaagaggag	ttcattaatg	gattgaacgc	tggnaatag	tgcanatgg	accagtggct	600
antgthttat	acatgggacg	tggtaggaca	agccaccttc	agcagaccca	tcggctatt	659

<210> 5230

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 5230

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cctcaactgg	caacctctat	agccgtgaag	gcctgacaag	atacatcctt	gcttgctgtc	180
agggaaagca	tggagggtct	cgtgacaagc	ccggaaaaca	tccagattcg	taccacacct	240
gctatactct	cactggactg	agcacgaccc	aatatcacca	ctaccatacc	gatgctagcg	300
caagctccag	gggggacttc	tctctgtcat	tttcttgga	atcccttcct	gtcaccagct	360
cagacaatca	aggatcagac	ttgagtgtat	tcgatgagaa	ggatcggctc	gcagcgctcc	420
accactata	tgtcattccc	catcaggctg	ccgagaatat	gcgtatctgg	tacgaaaatg	480
cacgccttga	ggtttagttg	actctgggca	aattaacgag	tgtggagtgc	actaaagatg	540
agaaatgac	tataaagcag	attgctatrr	tttgtacagt	aaaaatgcaa	caccataatt	600
gctcttgcaa	aaaaaaaaaa	annnnttaa	taaaaaaaaa	aaattgctgc	ggccgttcca	660
accn						664

<210> 5231

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 5231

cgttcacctt	accctcatcc	aacctcccc	ccacctgtta	gctctcagtc	acttactact	60
tcacctgcta	cacatcaact	tcacagacca	gaagatagta	tccattctta	ccagtttacg	120
cctcgagttt	aaaaaacctt	cgcagaattt	tcccttgatc	tcccttcttc	caatatgaat	180
ccacaccaac	agaacaaaag	cgatactgcc	tcttatccc	ctgaagagca	acgcctattg	240
cgtctctacg	gaaagatgcc	caccaagaag	gatctgttgc	agaacaaact	gaaggagcgg	300
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tctcctgggg	cgaataaccc	agcagctgcc	agcaatggtg	gcagtaccaa	ctctcaagga	480
cagcagattc	ctggcagcat	cagtgggcac	ccgggctcta	ttggttttca	aagccgcagt	540
cccgtgaaag	aaggcagcta	tctacaacgc	ggaactagcg	cagatgagtc	tgagggtaac	600
accgcgtgca	cttaaagatg	caaagggacc	cccagcgtga	gtcccgcctc	ctgg	654

<210> 5232

<211> 494

<212> DNA

<213> *Aspergillus oryzae*

<400> 5232

cgagggtctac	atggcctttg	agatgtacat	cgagggttga	caaatacaac	gtgtgggcta	60
ctgcccgcgg	aggaggagtt	actggacaag	cagaggccat	tacgttggcc	ttggcacgag	120
ccttggttgg	ccacgagcct	ggactgaagc	ctgttttgcg	taaagccggg	gttatcacgg	180
tggatgcgcg	tctgttgagg	agaaagaagc	ctggctcatgt	caaggcccg	aagatgcccc	240
cctgggtcaa	gagggtgaag	aggcctatcc	cctgttgtct	cgaggagcttc	ttttcttctt	300
tctcatctta	ctccttgctg	gattattcca	ccttcccttg	tqaccctcga	cgatgtatat	360
tttgtattgc	acgcattcct	tcagatgtca	tggcggctgt	ttcaaaatad	garactgctt	420
ggtctcggcg	acaagcatgt	acccttagct	attgggggtta	attcgtctga	ttcaatcgaa	480
ctattgggaa	aagt					494

<210> 5233

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

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gcccttcctt gtcgcagcat cggcagctct cctatccccg ggactggctg ctgggttttc      180
gactgagctt cagagtgtat tgaagaacac gcatgggtggc aatgaatatg attatcccac      240
cgactttacc aggggtatat tgcacatacc agtccactcc cacaatgatt actggagaga      300
tattcccttt tacactggtc tttccaaggg ctgtgtctca acggaagccg atgtatggct      360
ttataacggt acacttttac tggggcagca tgaatcctcc ttgactgagg agcgaacttt      420
tgagtccttc tacgtcaatc caatgttaga cgtgctcaag cgccaaaatc cccaaactcg      480
atttgtgact tcaccacga aaaatggcgt ctttgacact acttcttcgc aaacccttta      540
ctttttcggt gatgtaaaaa catcanggac ctgaacatnc gaagctgtta tctctgcatt      600
agagccactc cgcanaagag gctatctgac ctctttgaaa gacaacaaga cagtgcacaag      660
tggaccataa acggtcctcg gaa
473
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<210> 5234
 <211> 687
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(687)
 <223> n = A,T,C or G

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<400> 5234
cogctttccc ctacaattgt tgtcttttca gtaggagatt caaataatta ttccctttcag      60
acttctacaa aagtattctc aatagagaaa atgagccccc cgcccgcttt ggataatgcg      120
aatggctctc ccgcgccccc tctgaccgtg gaggggtattc ctgccctgag ggccaacagc      180
gccccaatte ccaagggtgt tgcacctgcg acgagtagtg atatgttcaa aagcccgga      240
tgtttatacga agcccaaagc taaacgctgg gatcacattc tctccaccga agctaaatct      300
cggaagggtat ccacattgaa gggtgcccgg aaatacttga agaaccagg cctcatatct      360
ctgggtgggtg gactgccctc tctgaatac tttcctttcg aggagcttga tatcaaggtc      420
ccactccac caggatttac gcccgaaagt actcgcgagt ctggaaccgt tgtacacgcc      480
ggcaagagtg atattcgga aggaaagagt ctatatgac ttgaggttgc tcttaattac      540
ggccaagcca cgggtgctcc ccaactgctg agatacgtca cagagcacac agagctcacc      600
cacaaccccc ctaactcgga ctggcaatgt tgtcttgact gtggtagcac cttcngatgg      660
gatgtggcac tcagactctt ttgcgan
687
```

<210> 5235
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5235
ggcgcaagct actgccacag gaccatgaaa tgtggatgtg gagaatgcac taactccgct      60
ttctgaacta ttttaatgata acttttgcat catgaacaa accttqacat ctgaagccat      120
gaaaatgggt atggctcgat tatggaaaga ggctcttagc actattgaac gcttggcttgt      180
acctcccttg tccgacaagc catcccatca gaaacctctc acgatgcagg aggttgatat      240
agtctcaccg tggctcgtgc tgcctttgaa ctttttccac gctgttgatg aagaaaactgg      300
tgaagcaaaa ggtgtttcga ttgatattct gaagtcgccc aagtatcacg agattcaatc      360
tttgaaatctt tctactttg aacccaccga gaatcttatt cgcacctctg agagaatggc      420
ttcagcaacc atatcttggc agcaggccaa tagaaaacga ggttcggcgn cggcccatct      480
tgggttctgga ggatcgggcg gattcctcgg cgttctgtgt gctcggcgag ctaagagcat      540
catgctctcg cggaaacctg gcacaatgaa gacgatgaag gaggaaaaat ggccggaagc      600
tcaggccgaa ccaaatgatg acatgatctt gcgaatcctt cgtatgagge cagaagctgc      660
tggctactct cgcgatcgaa gtcggt
686
```

<210> 5236
 <211> 666
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

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<400> 5236
tctcctttcc ttcgaaacttc aacctccccc ctctctact tcaattcttt cgtcacctgc      60
ccactccggtt tcacgaccac ttgtctcttc tcgagagctg tggccccctc cgagcagtat      120
agaaaaagggt ttgcgcaaat acgtactcta tatatagtta ctgctagcgc tcgcctcaat      180
catttcgcgcg gacctcttctt garatagctt atcccttgat ataatggcgc ctgcctcattc      240
ccgcagattt ttgcggcctc tcttttatac ttgggcgcga ggggcctcag gagctggctgt      300
tctgtatata tctaccgctc cccgcaacat cctgggctcg gaagctccgg ctgtaccacc      360
ccctgggttat catgagggga aacttggtgc tcgagctttt cctcaatca agtcgcgtct      420
ggaacagatt caggacttga aacgcagttc cagtgggtgat gattcagacg tgtatgacct      480
ccttattata ggtgcaggcg ccaactgggtc angaatcgct ttagacgcag cgacacgagg      540
tttaaaggta gcggttgctc aaagagacga ctccagctct gggacaagca gtaagagcac      600
gaaactggta cacggtggcg ttcgctactt ggaaaaggcc gtgtgggagc tagattacac      660
cagtc
```

<210> 5237
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5237
gctaagcatt actctgccat gaaagcctcc gatctcgctc ttgtcgacca agatggctat      60
gtgacagaag gaggcaatca ggcacccatt aacgaggccg gattcatgat ccattcagag      120
atccataaag ccaggccgga tgttggtgct gctgcgcata cgcattggagt ttatgggaag      180
acgtggagcg catttgggaa ggggatcgag atgatcactc aagatgcctg taacttctat      240
ggaaaactag gtgtttatgt tgaccacggt gggattgcat tggctcagga agaggggcag      300
caaatcgaga aggcttttagg ggaggacaag atagcatgca tcttgcaaaa ccattgggttg      360
ttaaccgtag gtcgcacagt ggatgaagca gcctttctcc tttccagctt ggatcacgcg      420
tgtcattctc agctgatgac cgaagcggtc gctgccaatg gggtagcgaa gaagattatc      480
aatgatgaag ttgctcagta cacggccaat gcagtcacga ctccgcacca tttctatacc      540
gaattccaac ctgagttcga cctcatcgctg gaggagacaa acgggcaggt gcttctgtga      600
ggggaggagg aatgatatag cgatgagcaa cctcctccaa gatagttact tgaggctacg      660
aactgtttca taqqa
```

<210> 5238
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(697)
 <223> n = A,T,C or G

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<400> 5238
catcatctca cgcgaattgg aactggctat ttgtcactct ctctatctca tctctagaca      60
tatagaacttg ctagaatctc taacttttgc ctttcaatac tctttatctc tttcattaga      120
ttcaactcta cccaggctac gttgcgaaga tgctcgcaaa gatgcctgat acctaccct      180
cccacgctga ggactttgag tccaaggaca atgccacgga ctctgattat gttagtggta      240
gtctcagtgta cgattatctc cccgagattg tcttcacgaa accacatttg cagttttctc      300
```

acagacagct	gcagttcctt	gagcctcaag	atgtcttgag	atggtgtgtt	acatcactcc	360
ctcacctttt	ccagaccacc	gcgtttggtc	ttactggact	cgtcactctt	gatatgcttt	420
ccaagctgga	ggtccctcgc	cctcagatgg	tgcacctcat	ctttctggac	acttttcttc	480
acttctcgga	aacccttact	ctggtcgaca	agattcgcca	gaaggacccc	ttgaacaaca	540
atcttggtta	cnagcccaag	ggcctaactc	ttgagaaagt	tggcccagaa	gaacggggccc	600
gtccatggga	accggaggat	aactctatcg	atgggcccgc	aaggtaaagc	cgacccaagg	660
gcctacccgg	aaatctaaga	tctctacgtg	tctcccg			697

<210> 5239

<211> 876

<212> DNA

<213> *Aspergillus oryzae*

<400> 5239

gttttgtcta	ctacatctcc	ttaaatcttt	actgggctga	acagttactg	gacctcttga	60
ctacacgcta	ctcttatata	tagtctcact	cactctcaca	tcccttggtc	aggtgtagca	120
ctcgatagaa	gacgtaccc	gaaggccggt	ctgcacccca	ccatgccacc	ttactcgggt	180
ctccagaggc	aacaaatagc	tcagttcacg	aacttlacac	aagcaaaagg	tgcagtagct	240
gccaaattct	taaaagcatc	taggtggaat	gtcgaagaag	caattgatgc	gtttttccag	300
agtcctccag	gcgcaggggg	tgccacctcc	tccatcaaca	agatattcga	cagctatcga	360
gactctccgg	atgacaaccc	cgatggcacc	ggcattgaag	gagcgatgaa	attcctcggc	420
gatatccaag	tgcgaactaga	cgaagtgcga	tgtctcggca	ttgcagaact	tctgaaatca	480
ccgtctatgg	gcaggtttac	tagagagggg	ttcttgaatg	gatggagggc	tgtcggatgt	540
gactccatcg	acaaaatggg	tgcacacgct	gacaatctcc	gatcgcggat	ccccacgcag	600
ccggatctct	tccgtccggt	gtaccgctat	accttccctc	tctgccggat	gcagggccag	660
cggaacctcc	agtttgagat	cgcagccgaa	caatggaaac	tattctttac	gccggacaag	720
ggcggagtc	agtgggagac	ggagacgact	ccatgggttg	actggtggat	cgaattcatg	780
gaggagcgcg	gaaagaaacc	cgtcaacaag	gatctgtggg	aacaggttga	ggtcttcatg	840
cggaagactc	ttgaagatga	gcgggtttggg	tgggtgg			876

<210> 5240

<211> 551

<212> DNA

<213> *Aspergillus oryzae*

<400> 5240

ccatatecct	aattatgget	tccttgggga	gtcccgtgtc	cctcatgcgg	agttgtactc	60
ctcgactgtc	caaggaaatc	ttcacatgtc	gtcaatgtct	agggcgaagc	cagaattatg	120
cgcagaaatc	cactttccgt	aagaattgcg	ctgtctcgcc	ctttactcag	aataccagca	180
agctcaatac	gcctgcttca	tttccaagaa	cgaaaagcgc	aattccaaac	atcttcagaa	240
ggtcgggcctc	aggtcccgcg	gcagcgaatg	ctgttgagga	aggtgcttcc	aatgcaaaat	300
ccagctttcc	taaggctcagc	gataagacgg	cggcatactg	gttgcttggc	agtgcagcta	360
gggtgtttgg	catgggtggc	tttqgtggcc	tcaccaggtt	gacagaatct	ggcctgagta	420
tcaccgaatg	gcagcccgtt	accggatctc	ttccccctat	gaacgcagaa	gactyygagt	480
ctgagttcgc	aaaagatcga	gcactctgacg	atttcaactg	tgggaaccgc	gcaaggaccc	540
ctttgggatt	a					551

<210> 5241

<211> 799

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> 111... (799)

<223> n = A,T,C or G

<400> 5241

gggatccccg	accccttggt	atttgccact	cttgggggtca	ctgcgacctc	tatcgccatg	60
gggtggtgtg	tatactatct	ctgtgggtct	tacgtcgctt	caccagcttt	gggctccgct	120

ggctccgactg	taaagaaaaat	cagctatggc	tttgcgctac	caqgtctctt	gatgaccact	180
ctacttgtca	tccattttacc	agccaagtat	cttttccatcc	gtatccctgca	aggctcaggg	240
cacctgactg	cgaacacaaac	tattccactgg	gccacctggc	tcgggttgca	ttcgggtatc	300
gctattatcg	cctatatcat	tgccagtgt	attcccggtg	tcaacgacct	ggtgtccctg	360
gtcgggtgcc	tccttggcac	tctcatgtcc	ttccaacctc	tgggcttgca	tgtggttata	420
tgataactgg	agtaagggca	agatcagtaa	atcgcccaag	tggattttca	tggctctctg	480
gagcggcttt	gttattctgt	ccggcacctt	tttcatgggt	ggggggcacgt	acggatcagt	540
tgtttccatc	atcgacagtt	ataaaaagtc	cggtgggctc	ggcagcttgg	tcttgtgctg	600
ataactccaa	ttcgggtctaa	gctgaattac	cgaggaatgc	aaagccgatg	tctgtccagc	660
gatataagcc	acagcccggg	ggccggctgc	aacgaggggtg	tcagatggga	aaaatgtcag	720
tcaatagcta	cataaacgag	tgtgagggcg	ccatccctgag	tggtcagccc	acgtgcgnnc	780
gcggtaccaa	agtgaggcg					799

<210> 5242

<211> 776

<212> DNA

<213> *Aspergillus oryzae*

<400> 5242

gggtggactg	gagtagccgt	ggcaagaaga	atgcaacgag	aggccttaat	gcaggcgag	50
aggcacagat	caatcccaga	ttgatctcta	ttgatgcagc	gagaaagacc	ggccagccga	120
accaagtcat	gtcgtatgag	gcgatcatac	ttttataaac	atagactgtc	cgaacgggtgc	180
cggcaacatt	gaccacgatt	ccaaggctaa	aaatggacat	cacagcaatt	cgctgccggg	240
ccgggagttt	aagattccag	atcaacggca	tcgggatgac	cgtggatatg	aagtcggtaa	300
agatattgac	gacactagcg	gcgaatacaa	cgccccgctc	atttagacag	tgatgagggg	360
atgtaggctg	aaagtcccag	taggcatagaa	tcgggctgca	ttggaaaatg	catacaaaaca	420
aaaagataat	acacagcagt	gccaccaaga	ccattgcccc	gatcaacact	atattgtatg	480
tggtatagag	gcccttgcta	ccggctccga	gtagtcggtt	gcaaaaccat	aatagcgaga	540
gcttcgtgat	gctggatgat	agggaaaaaga	ggatttgaaa	gaggaggttg	aatttggagg	600
cagttggaag	ccattccaag	gggacgtccc	atatatgtcg	gttgcatcca	tgctgttcag	660
tggtctaaag	aatgtccacg	cacgtcgcag	tcgtaaaagc	tagcgcgact	gctgtcacia	720
ggttgctcga	gcctggagct	gctctggcct	cgtaccgatt	cggagctagt	atatcc	776

<210> 5243

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 5243

ggtatgcctc	cctatnccgt	cgaggcgccg	ctatgaagac	cgactcagca	tatccggagg	50
tgctctctta	cccactccta	ccggacatca	ccgttggggg	tcgatttccct	cgcaccgaca	120
actttgcgac	agagctcttg	cggatacaaa	tcacacaggaa	agacaccctt	gtggggcaaa	180
tcgcatgatg	catatccatc	gtctgacaca	acccttattg	caccaatata	caaatatgtc	240
ctcagttctaa	aacaacacga	gttcttggat	agagctcttc	tgggtcaacc	aagcaggaga	300
gcttgcagct	acttttaatt	acaaggngca	taccccqcaa	qtcqqqcgct	cccactctca	360
ccctgcgagct	ttgatgaagc	acatgtatga	tcagagggct	gggcactttt	cyacgttcaa	420
tcaaaatgggt	gggaaacatc	aagttcgggc	aacgggaatg	tatccgatat	gggaggtggc	480
ggcaacattt	ctcggctggg	cgactgcgcg	aatgcagcgc	gaagatggca	tggaactagac	540
ataaggagcc	gagaccgaga	taggctctga	ctatagtga	caatatcttg	agacactgtc	600
atggttttgt	gaactggaac	gtaaggggca	agaacttnac	gatcatttga	aaggtattct	660
ggtgagcgtc	togaggagac	acaatgaaga	accagagnot	ctggatct		708

<210> 5244

<211> 522

<212> DNA

<213> Aspergillus oryzae

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<400> 5244
gatggcgcac aacaatattg tgggtgctcgg ggcggggtatc atcggtcttga acgtggccct 60
ggagttatcg aaacgtggct atggacagca tatcacaatc atggcggaac atcttccagg 120
agatgaatcg atcgattaca catcccttg ggctggagcg aatttctcgg gcatatcggg 180
cagcgatgcc aatgcgctgc gctgggatca atccggctac tccggccatga tgagcttgat 240
tgatgctggt gcggaagagg cgaagtatct gtgcaaaaca gagtcaacag agtattggga 300
tcaagcccca tcgcaggata agatcaacag catgactgaa tatctgcgcg atataagggc 360
cgccaccgca taaatctcca tcataacaca cgaacacagt taccagtcaa ttgtgctaac 420
cttgtgggct taaaatgata gcttgtcata atacctccat ccgatctccc taaggggggt 480
gccttcggta taagatcaat acggcacact caacgcgccc gc 522
```

<210> 5245

<211> 649

<212> DNA

<213> Aspergillus oryzae

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<400> 5245
gaaggtcttg aagagtgtga aaaaggctgc cgtgaacaag tgcctcaagc gcggtgtgaa 60
ggaagtgtgc aaggctcttc ggaaatctcc cgtccctgca cctaacgccc cggccggcac 120
tcccaattgga gtcgtgatcc ttgctgccga catctcacc atggatgttc tttcgcatat 180
tcctgtcctc tgtgaggacc atggcattcc ctacgttttc gtcacatcac gagctgagct 240
cggtaactct gccgcaacaa agcgtccac cagtgtcacc atggttgttc ccaagtcggc 300
cgcaaagggc aagaaggggtg attcagcaga tgatgaggac tttagcagtg tttacgatga 360
gctggtcaag cttgttcaga aggaggccaa gaaggtgaac ctttaaaaat ctgagcgact 420
ttgaccttcg ttacgtgttt ttgttatatt taattataag gcttctttat atctcttgct 480
gcttgctatg gctgtacagt ttcacctttg atgtctggca aaaacaacgc atgtcttccg 540
ggtcctgcct tttggacgtg ttcattgggt tgatccttta tgatgtgtcc cgtgccaaat 600
ctggcgtctt caaatccgtg cccaaaaaaa gcccgaaatg tgggaattt 649
```

<210> 5246

<211> 821

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

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<400> 5246
tcgcagtaac agcccgacgg gctgaacatg tccaagagct gcaatcccgga tatccccaac 60
ttctggteac cgacaacaac ctggataaac gcatctggca agacgcccaga agatcacacc 120
gaacttccac ccaagacagt acaacatcac ccattctctt catctgcaca cgcccagcag 180
atgtcccccac cgtctcaaaa cagctagcgc ccacctcga gtcattggat ccgagtgtcc 240
gtcctacogt tgtgacaatg tgtcctggaa tcaccgtcag ccagctccaa gactggctac 300
cgacagggac agcgattgtc cggctccatgc ccaacacacc cgttgagggtc aggcaggggtg 360
ccaccgggtct cttegcacga gaagatgcca cggttcgcgt caatcatgtc aaaaccgttc 420
tggagggaggt atctcccttc gtcactattg ttccqaaaga qtcgatgcta gatgttgctg 480
cagctgtgtc cggatctggg cctgcgcatt tcttcttctt catcgatctt atgggtgctg 540
cagcagagtc tatgggtctt ccgagggagg ctgctgagcc ccttcgtatc aatnnetgct 600
ggtgctgngt atctggctag tgcgtcgtcg aagtcctgtg ctgatttgcg qaaagaagtc 660
ttgttctcct gnggaagtag cgaaaggcga ttgcatttg gatcaaatgg ngttcagaca 720
tttgttttaa tggcgaatca naagaagttg gatgcgaatt tgaaaatgca gttttttag 780
cctttatggt aaagtgata gggatagcat ttgatcttga t 821
```

<210> 5247

<211> 464

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5247
tattcactac ctttcaccca tccactacta tatacatccc ttcacaatcg tggatatcaca      60
actgtcacca tgtctctcaa gaacgacgct ttccccctct ccgctgcttt cgtatgcgatc      120
aacgccgctc tccagagcga cgtgctgag cgcaaggagc ctgtcgacaa ggccaaggca      180
atcgtcgctt tcaacctgaa gaatgacaag ggccaggaag agagctggta cctcgacctc      240
aaggagaagg gtgaggtggg caagggtgct ccttcggggg gtaaaaaggc tgatgtgact      300
ctgtccctct ccgactctga ctctgcttcc ctggtcagcg gcaaggccaa cgcccagaga      360
ctcttcatgg gaggcaagct caagatcaag ggtaacatta tgaaggcgac caagatggag      420
cccgtcctga agaaggccca gggcaaggcc aagctataga tacc                      464
```

<210> 5248

<211> 741

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

```
<400> 5248
tgcacgcgat tgggaagagg ctcttattgc tcgacttgaa aaaagagtgg atgcgatgat      60
cgagcaaggc ctgatgtctg aagcacagag gatgtcagac tatatccgag aaagaaggac      120
acaaggctct agcatcgatc cgacacgggg tgtttgggtg gcgattgggt ttaagggaact      180
agcgcccttat tttgaagcgc tgcacaagag ttccctaagc gttgacgaac tagagtcctt      240
taaaaagtct tgtattgagt ctatcaagat tgctacccgc cagtattcgg cctcgcaaat      300
caaatggatt cgaaacaaat tatggaattc tcttgacag agcggtatga cgcctgcctt      360
ttacctctta gatagcacia acgtgggaga ctggaggact tgcattcacgg agccgtccga      420
gttccttaac caggccttac tcaaaagcga atctacgcg gacccgaaat cattctcaga      480
gttagcaaga accatcttag gcgcaaaaaga agctcggtcg caaaagggtc caggtttccgc      540
ggcgaaatgt ttcaacctgc acatttgccg caaaacaatg gtaaacgaag aacagtggca      600
catccatctc aatggacata gccatanacg agttctcaag gctatggcca aaagagcaga      660
acgtgaggaa tctctacaag ctcgaaaaga aagtacgaga aggatctctt ngtgacatga      720
atcactagaa gagcagaact t                      741
```

<210> 5249

<211> 518

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

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<400> 5249
catgattcgg acgcggaaat cgaaagcaat tcagagctgt ggcaggtccg gacggaccgc      60
gggaagcctc ggaaggatca actagcnaad attqacaaaq tcttcgggtg caaggctgag      120
cgcaaaacaa gccaggaatg ggaggaagag cggcatgaaa cgaagtgggt atgggggggt      180
ttgcatgggt taaccggcca cgcgcagatg aagacacctt ggttcatcct gatccttctc      240
atgacagttc tgcagatggt gcgcatgaat tactttrctg cgaccgtgcg atcacagtac      300
gagttttatg taagatcagt acggcaggcg gaaatgatca acgacttctt tgatggttgc      360
ttgcccgtag ggggtgtgct tttaacgccc gtcacggggc ttttgctcga ntaattcagt      420
gtggcggtta cattagcaat gatcgtgctc ctgacnaaga gtactggggc cgtgaattctg      480
ttcccacggg tggacggctt tttgacogna ttctctgg                      518
```

<210> 5250

<211> 1241

<212> DNA

<213> *Aspergillus oryzae*

<400> 5250

caactatgaa	gggaagagcc	cgacgggtatt	gatcggttgg	gctggccaag	ctggactgac	60
aatcgccgcc	cgtctgaaaa	tgctcgacat	cgatgctctg	attattgacg	aagaagatcg	120
catcgagat	aactggcgta	ggcggtatca	ccagctgggt	ctgcatgacc	ctgtatgggt	180
cgaccatatg	ccctaccttc	agttcccggc	aaactggccc	atcttcacgc	ctaaggacaa	240
actcgcgag	ttctttgaat	gctatgccaa	gcttcttgaa	ctgaatgtgt	ggactaaaac	300
caagcttcag	tctacctcct	ggagcgacgc	aaacaacgta	tggaccatcg	agctccaacg	360
acagaaggaa	gacggcacag	tcgagactcg	taccttcaat	ccacgtcatg	ttatccaggc	420
gactggtcac	tcgggtaaga	aaaacctgcc	tgaattcaag	ggcggtgaga	ctttccaggg	480
gaagcgcac	tgccacagtt	ctgagttccc	cggtgccgac	cccaacagca	aaggcaagaa	540
ggcagttgtg	gtcggatcct	gcaactcggg	tcatgacatt	gcacatgact	atttcgagaa	600
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caacgatata	gggctcaagg	gactgtacga	ggagadtgcc	ccaccgggtg	aagatgccga	720
cttgttctctg	tggagcattc	cgctggacct	gttcaaggcg	cagcagaaga	aggtcaccgc	780
ggtccaaaac	cagaacgaca	aggcgactct	ggacggattg	gagaaggcgg	gcttcaaagt	840
ggaccgtgga	ccggatgatg	cgggtctact	gatcaagtac	ctccagcgcg	gtggcggtta	900
ctacatcgac	gtgggggcca	gtcagctcat	cgtcgacgg	aaggtcaagg	ttaaacaggg	960
acaggagatt	gccgaagtta	ttccacaggg	attgcgcctc	tgccgacggc	tccgagctgg	1020
aggccgatga	gatcattttc	gcgacgggct	accaaacaat	gagaacgcag	gcgcgcatta	1080
tcttcggcga	cgaggtggcg	gatcgcatcc	agagtgggtg	gggatataat	ggaaaaagcg	1140
agatgcgtac	catctggcag	cgcagcggac	accccggttt	ttggtttatg	ggccggaatt	1200
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<210> 5251

<211> 596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5251

caacgtggct	ggtacgaccc	tgaagtgaga	gagagacgac	tcagggaata	tggagaagat	60
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ggcttcaatt	accctattat	gaacatattt	gagcgcgac	tttgtgttct	tcaatgccgt	180
tatatccatg	cgttatatt	ctccgctcct	ttttcaccaa	gtgagcccta	cctaagagcc	240
atgcccctaa	gtgtcccgga	tgtgttttat	catggacccta	ccacatttat	tccacttaca	300
tatgatcctc	acactgcccc	caaacgaatg	agcattttca	gagaaacagg	tagccatgat	360
ttccagcatg	tgaatgctgg	cgaatatagtt	gggaggatcc	taaaaagccg	tgaagcttat	420
gaagagagac	agcggggcga	gtttcacaaa	gggtgcattg	aagatctgac	gaatgctaata	480
gaagactcaa	tagattatgc	aagcgactct	ggccacact	accggacgat	ctggatgtaa	540
gcattgcaaa	aacttggtga	ctgatttggt	aaataatcac	tcataaaatt	cctgct	596

<210> 5252

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc feature

<222> (1) ... (649)

<223> n = A,T,C or G

<400> 5252

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tttcccccga	tctcatcttc	ctttctcttc	agaccacgag	atttctctcg	agggcgcggg	120
gtcggtcac	atagttacgg	tactttacgg	gacctccgac	ccaaccccac	aggttataag	180
gggttccactg	cgaagccggt	ctctatccgt	cgttcactct	acagcaccgg	aaccaccatg	240
gcagccacta	agatcgatgg	cacgcagatc	gccaaagaata	tccggggcgg	tctgaagaat	300
gagatccagc	agatccagga	gtctaattcc	agattcaagc	ctagcttggg	tattttccag	360

gtgggcagca	gatcggatcc	aagcacttat	gtgcgcacga	agttgaaggc	tgccgaagag	420
gcgggcatca	tctgcaagaa	tgtcaacctt	cgggagactg	ctatcgaatc	tgagctccct	480
caggatatcc	ccaaggccca	caatgacccc	ttcgtgcaag	gnattctcgt	tcaattgccc	540
tttcgcaaca	catgtgcgaa	cataccatna	cctctgtcgt	ggccgatgag	aaaaaatggt	600
aaccgttttc	gagccgacca	tatttgtgga	cttaaccaga	aaaggcgcg		649

<210> 5253

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5253

gtaattctca	ctaccattca	atctcattaa	gatggcgagc	tctacccttt	gtattctttg	60
ctgcggcaac	ttggggcgcg	ctattctaaa	gagcttaatc	gatggcccca	aagataaaca	120
cggtagtgcc	cggttcacac	ggttcatcgc	atgtgtcagg	agccaagaat	ccgagcagcg	180
cttgactaca	caattctccc	accagtcgca	aaqcttgacg	gttaccgcag	acaacatcaa	240
ggtctgttcc	gagtcggatg	ttgtagtctt	ggggctggac	cccgtctctg	tggagaaggt	300
gctgtcaact	cccagcctta	cggaggcctt	atcgaacaag	ctcctcatca	gtgtcgtctg	360
tggctggacc	cggcagaagc	ttgagaccac	cctgtatggc	agtccaacca	caacgagcaa	420
cggcgaatgt	cgggctgggg	tagtgcgtae	gctgcctaag	atcgtctcgt	cggctctaca	480
aggtctcacg	gccatcgaga	tatcatagcc	agaagtttcc	gaacactacc	agaagatcac	540
ggatgcggtc	tttgacaacc	ttgtgaaaga	cagtacacat	cccccccgac	tctgaaggat	600
gaaacgaccg	cgggtgctgg	atcgacaacc	gcgttctatg	ctgtga		646

<210> 5254

<211> 1558

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (1558)

<223> n = A,T,C or G

<400> 5254

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ttcgacaccg	ttgaaggatc	agggctctta	tacgtaccaa	agtaacggat	actgccagaa	120
gctctgcttg	aaggataact	atgctgtttt	tgccttggca	aagggcacaa	actgtctttg	180
cggtaaccac	ttaccggcca	cgtcggctaa	gacggatgat	agcaactgca	atgtcaagtg	240
cgtctggatg	cctgatgtga	tgtgcggtgg	taacaatgcg	ttttccgtgt	atctcacggg	300
tatcgaagat	gatgtggata	gctactcacc	ctcactctca	tctcctctga	gctcctctct	360
tagcaccgag	agtggaaact	cgacaaccac	caatggaggg	actgtcgtta	ctacttcttg	420
tggacaaaac	gtgttcaaga	cgtcggaaaag	cgaaatgaca	acaaggaag	ccgacgcaaa	480
gaaggagaaa	aattctggat	cgaaatactg	tgtctattgc	gctggcgctt	tcgttggagt	540
tgttgggttc	tgtgcttttg	tgggagctat	cttcttttcta	tggcggttta	ggaagcgttc	600
caacatgcgc	gagcagtata	gcaacaacaa	tatcgacagc	tttggcgcca	agcccatgtc	660
tcaaaagctcc	atgtctgatt	ccaggtttga	cgggtgacttc	atggcccagc	ggcgccagag	720
caatggcagc	atcgatgatg	atcaagactt	ctcccgtcga	attctgcagg	tgaccaatcc	780
cgtatgcggt	tactaaaact	aacattgaac	ctcccaaatg	gaccaagccc	ctagtgaatt	840
atcgaaaaca	gcttggggcc	ctagtcggac	tgggtatcct	gatatataca	aattagtttg	900
cgtatttaac	cctgaactgc	atacattcct	togatttca	ttctgatttc	ccctctacgg	960
cgtctcattt	ggcgacccct	cgatatcttg	gaggcatacc	tgtagataag	ttatgacgtt	1020
tactgtctta	cgttcttttg	caacatgttg	ttcgagtctg	gaactgcaac	gcacccctac	1080
ttccataatc	cagcaacgcc	cgtgacgtg	ttcggggagt	caaggacgat	atcatcatcg	1140
cggctctgcag	agaatgctgt	gtctgctttg	aaggaaatcg	cccggacttg	gccttaacgaa	1200
tgtgtggaca	gtcagcagat	acccaggagg	gtccgaagtt	tactctctgg	tttagactgc	1260
ggtaacgtcga	ccagagaact	tgtattttga	aaaggcgttc	tggggtgaag	tgttcttgaa	1320
ttttcccttat	gaacatatct	gcgttcctcc	atacctttct	gttcttgcgc	tggggataat	1380
cggccctggg	ttactttctt	ttgctcggat	gttttctatt	tatttgcgat	ttactgaact	1440
tcccttggcc	atcatctccc	taatgttgtt	ggtatgcttg	gggaactgta	agtaagatga	1500

tggtgagcc ttagttaat gcgaagaatg aatggatacc actcnttqtt gaaaaaaa

1558

<210> 5255

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 5255

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atgcaggga	gccatgatga	ggctggcgat	gtcactgctc	gacttggtgg	caaggtagaa	180
gaccacccag	atgtagagga	agaactacgc	agcattaaag	aagcattgga	agtacagagt	240
cgtggcgga	gcttcaagta	ccgtgaactg	ctcaccaacg	ggccgtcaca	gaaccttcgc	300
cgtctactt	tggccatggg	ctctcaattt	ttccaacaaa	tgtgcgggat	aaatctcgtg	360
acttactacg	caactgcgat	ctttgagaac	tctctcggat	tccgtccaga	aatggcacgt	420
ctacttgccg	cctgtaatgg	aactgagtag	ttcatggcgt	caatcatagc	gcttgcactc	480
atttgacggn	accngtcggc	cgaagctgat	gataaatcgt	gccttttgga	tgatgggtctc	540
gatggcattt	ctagcttgca	ctgtattcac	ggncgaaaata	ntggaanatg	gagcacctaa	600
gctggagaca	caatatgggtg	tcacggggcgc	tggngttcta	tttgnnttca	attccttctt	660
cgcattggc	ttgtcggaa					680

<210> 5256

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5256

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cgttgccacc	tgccgacaca	atgcctgagc	acgaagaaga	tctcgttgcc	tccaagaccg	120
agggtttcaa	ggctggggag	aagaagacaa	tcaatgagta	caatgagctt	gccaacctgc	180
ctcgtggcat	cgcctcttac	cgttatgcaa	gaacggggagc	tatggaactc	caaaactcca	240
ttccagctgc	cccccgagct	agtgtgacgg	tttgctttct	tccaccatgc	acgcataatat	300
cccgtaacgc	ggtgctaaac	tttgaaacctc	atcagataaa	aatgacgaat	ccctaaacgc	360
ctggaaggcc	tctctaggcc	ttgcaaccgg	tgcaacaatt	ggagacccca	gcgatccag	420
gaagtgcate	atcaagtctc	tagccctgga	ggttgaggga	cgcctcgatg	tggtcatcga	480
cgtgtccgca	cccggtgcag	ttgatactct	caaggacaag	ccattcacca	tcaaagaggg	540
tgcccacttc	cggatcaagg	tctgtctcca	ggtgcacat	gaagtctga	gcgggtctga	600
atacctgcag	ggtcgtaaga	ggaaagggtg	tagagttagn	caggacgang	agatgcttgg	660
cagctatgcc	cccacaccac	cgg				683

<210> 5257

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<400> 5257

cacatgacaa	tccacttctg	ctgcaactac	tctttcgcag	gactctccaa	cttctctccc	60
accattatct	aagaaatggg	ctatacgtct	gtcaacgcac	agggactctc	ggcgactcca	120
tacttcgcgt	cattctctct	ctgcacgtga	gctgctctta	tatccgatcg	atggggacat	180
agaggattag	tgatcacccg	atctgcggta	gtcggaatgg	tagggtagct	cattctcgc	240

gcggtggagg	acgagcacia	aaccgggggtg	agatattttg	gagtgtggct	ggcgacctgc	300
ggagtgtttc	ctgcgttgtc	gattaatatc	acctggctgt	tgaataatca	gggaggggat	360
tccaagaagg	gcgctgggat	ggctatatgt	gcggttttcg	gtcagtgtct	aagttttgtg	420
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tgcgattga	ctggtttgat	cgccgtgctg	gcattagggc	tgtatctgaa	attgaggcat	540
gagaataggc	gacgtgatcg	aatgtatggg	acgggtggatc	cagatgtccg	ggtagatggt	600
acaagggagg	ggagacatca	ccccagttt	cggtacttga	cttagaatat	gtagtctgac	660
agttatacca	tacacatatc	gatgtg				686

<210> 5258

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<400> 5258

tccattgag	agtctcatte	cctcttggtc	actttttcttc	cctcgctttt	gatattcgcg	60
gcaggagggg	atgagatctt	gaggcacacc	agtcacacgg	aatttatattg	actggaacct	120
cggcttgctc	agactgaagt	gtacaattga	aacttttttt	cacctccgct	ctgggaagaa	180
aaacgttttc	ttcgatcaaa	gccattttcaa	ttcaccatgg	ctcctgctaa	gacagacacc	240
aattggctctg	tcaattatga	tgtgctcaga	cgggagcatc	ttttcaagaa	ccctcccaag	300
gacgtacag	cttatctctg	actagcagcc	tccatcaagc	cgcacgttga	ttccttcaat	360
gcgctcttcg	aggacagcaa	gattttgacg	gcaggattga	aagatatcgg	taccaagaca	420
ttcatagacg	gcgaagcaga	aactcctgag	cagaagaagg	ccagacaggc	agagggctga	480
aaagcaccaa	agcgggaaca	actccatggt	cgcattaaag	aagttttcct	cgagaagcct	540
gccatccccc	cgacgaacaa	tttcacactc	gtaaccgcaa	tatttaccca	tctgaatgta	600
gagagaggca	tgcgacatac	cgtggcaagc	tgcccgcctaa	gatcgaatat	cgggtgaaca	660
atggagactg	gatggaggcc	gtccaaaaat	tggggccaggt	cccct		705

<210> 5259

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5259

cagaacctaa	cgaaaccttt	tccccgttca	tccgccaaat	acagtcaata	tgggtaaggt	60
ccacggatcc	ctcgctcggtg	ccggtaaggt	caaggccgcc	actcccaagg	tcgacaagca	120
ggagaagccc	aagactccta	agggccgtgc	ccgcaagagg	atcgctctaca	cccgtcgttt	180
cgtcaacgtc	accatgaccg	gtggcaagcg	caagatgaac	gccaacccca	gctcgtaaag	240
aacgcactct	gcgaggggtt	gacgtccgg	cgaccgggaa	tcccctaggt	cgccgtggcg	300
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tctctttttt	gcttctgac	ttgcgaaacg	ggttcaaaga	gtcgggttag	gatgaataat	420
gttcagttat	cgaacttgac	atatggggcg	atacaatcac	atattcggct	tctcaaagat	480
ctactgagac	aacacgaact	tgttttattg	tacacttggt	ttccggacaa	cctccacaat	540
ttcccacttg	ggtggaggac	cactctggcg	gttcaactcc	actatgacac	aagaaggggg	600
tgagaaagac	ttgccatccc	gggaactccc	cgttctcgaa	tataccccac	ccatcttttc	660
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<210> 5260

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 5260

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gcaggccatc	tacggcgagg	agatgaccca	ggccttctcc	ggtgggtctg	tctacgaata	180
cacccaggag	gccaacaact	acgggtctcg	caagatcaac	gacagcgaca	ccgccacttt	240
gctcgtcgac	tatgacaacc	tgcagaagca	gtacgccaa	ctcgacatgg	accgcatcca	300
ggcctccaac	tgcaccaga	cttcctttac	ggccccaa	tgcagctctg	acctgatcaa	360
gaacgggtacc	ttcctgagca	agttcgacct	ggcctcccg	ccctccaagg	tccaggacat	420
gacgcacaat	gggtctgtcca	aggccaacac	cggtaagctg	gtcgatgtct	cgacgaccgc	480
tatccctcag	aagatctacg	accacactgg	taaggaggct	accggcgctc	agctgaaggc	540
cttttccagc	ggtagtgcca	acacccccgg	caacagcacc	tccggaagct	ccagctccgg	600
ctccagcagt	gactccgaca	acaccaagga	caacgcagcc	ggcaagatga	ccgcttnctt	660
catgggtct						669

<210> 5261

<211> 1184

<212> DNA

<213> *Aspergillus oryzae*

<400> 5261

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catagtcgcc	aatcacaacg	cacaaaagtg	acagttactt	tcttctccgc	ctttctatat	120
cccgcatacg	tcgttccagg	agaagggtgac	acggtaggca	tttctgtgtt	tggtccggcc	180
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ttcgcttaca	tatggacaat	gggcagtggt	ttcagtttca	gcaccgcttg	ttagtgtctt	420
tcagcaagac	acgggcagca	aggagagcgt	tctaaaggct	cagagcaccg	gagatggtga	480
acttgccgat	cttattgacg	aattctccga	aggaaagatg	caattcgctt	ttgttaagg	540
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tggttaccat	gttcaaatca	ctgcacgtgc	ggacggggac	ttgactgcag	aaggaattat	720
acggaaagtt	ggggacgcac	ccgggtgctaa	atactctgca	ggagctggac	agccggccgc	780
cgctcctaca	aagccgcca	tctcatccaa	gccagttttc	acaccatcgc	ggaccgatgg	840
tatcagctcg	aatgccacac	cagctgctcc	ccagaaaact	ctccagaaa	atacggacaa	900
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accagtgggc	aaagtagaca	ttgctgccat	aaggaggcaa	gcacgtgagg	caggcgaaat	1140
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<210> 5262

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5262

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ccaacatcaa	aaactaactg	aaaggccaag	aatcaaggcc	tggggaggag	aagctctctg	420
gaaagctgga	tttcttcac	ctttctcttt	gttggttgac	atactttttc	aattatctag	480
atcgctctaa	cctatctaac	gcgtatgtgt	cgggcataga	agaagagctc	aacttccaaa	540
gaaaccaatt	aaatgttatc	aatacgggtt	ttactgtcgc	ctatatactt	cggcaaatat	600
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<210> 5263
 <211> 714
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 5263
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 tcatcccccac gctcaacqqa ccatcgatcg tcttgcgctg gctggtgccc acgcgcagca 240
 tctggagcag gttaggggtrr gggcgactat ccaaggtaqt cagtggccct tttttttccg 300
 cgggctcccc atcttctccc ttttcatttg aaccttttta gttctcaacg ccgatcttga 360
 ccttcttctc tgggggaggg atcactttgt cctcgccggc acccttcagg gtgggaagct 420
 ccgatacggc ctccgcgatg atctctaggg acttcttgat ctcatcatcg gtgatcacga 480
 gcgggtggagc gagacgaatg atattctcgt ggggttgctt ggcctggggg acgagattag 540
 caccatttac atgaatagct gggacattcg aagtacttac caacagaccc ttctccttca 600
 tcaacatata gaggtcccat gcagagtgtc cattggctct cgactcgtca atgacaatgg 660
 cattgagcag acccttgcca cggacggctt gaatcatcgg gctgntgatg gcct 714

<210> 5264
 <211> 669
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

<400> 5264
 cggaaggggt tcaggagcca ccaataccca taaagataca tgctaccctg cctgcctca 60
 gtccatttat tccgtgtccc agcgtttttt taaaactgag caaaaatgaa tcttcacata 120
 tgggttcggc gccaacatgc cagtcggtct aattttggcg gcacgacacc agcaagccgt 180
 ggatctagca tccggatgcc gcgtttcttc aaaaggatgt tcaagtttcc acagatggac 240
 tttgaaatgg ctatatggga gatgacatca ctgctgatcg ctcccaagaa agttttcaaa 300
 totatctact accataaaca aactaagaat acctggcatc ggcctgaccc ctctttcacg 360
 tatctacttt gcttcttctt gctcctcaca gctcttgctt ggggtctagc atatgcgctt 420
 tctttcggag ctattgtccg cttgtctcta cttttcatct ttgtccattt catcggtatc 480
 tcatgtctgg tgtcgacaat agggtaactt gtcacggccc gacttttcgg tccagatgga 540
 ggggcagcct cctctcttgg gttgcgaggg ggacgtggac ggagacgtgg tgcagcacia 600
 ggcttggttc tgcaaccagg cgaanaggat caattagaat ttggatattg ctttgatgtc 660
 totaacggg 669

<210> 5265
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5265
 gtaaacctcc tttctagata taaggatccc taagggtgtg cttgagantg cattecgcaa 60
 cttttcatgt ctgacaaaagg ggcagctctt cacatttgcc tacaatgato aagtctatga 120
 gatggcgggt ttggaaacta agccagccac caattcgaat gccatttccg tcttcgaaac 180
 agacctggaa gtgcactttg cccctcctgt aggatacag gagccgcaac gcccagtggt 240
 taccagtact ccccgagctg gtgtgagcgc aacgaagctt ccggctggcg ggtaacttca 300

tccccatgga	accatggctc	aatcaattaa	ctatgcgcgc	attgcccctg	agtctactga	360
cgccgcccgc	ggggcaaaa	cggtgtcgtc	aaacttctct	atcggtggac	agcgtctgaa	420
tgcgaaaaag	ggaagtaagg	ctccaactcc	aaaggcctca	acaccaacac	ccggagccac	480
aaacctctca	cacctctctc	ctgtcaggcg	gaccaacggg	ccaatgccgc	tccggctccc	540
gcctaatacg	ttattctttg	gatatgcaat	caagcccgtg	cagaagcgtg	acgaaagcgg	600
ccaggttgtc	gaggacgaga	agccccgttt	tcagggaagt	ggtcaaacgt	taagaaggaa	660
aaagaaggat	accggaggct	ctgcaacg				688

<210> 5266

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 5266

ctgccattga	cttagctggt	tcagaggatt	ttcgtcgaac	agacaatgac	aaagagcgca	60
tygttgagtc	agcgagtatt	aacaagagcc	tttttgttct	ggcacagtgt	gtggaagcca	120
taagcaagaa	acaccataga	atcccgtaaa	gagagtcaaa	gatgacaaga	atctcttctt	180
tgggacagaa	caatggactg	acggtgatga	ttctcaacct	cgcacccatc	aaatcttatt	240
acctggacac	cttaagctcg	ttgaactttg	ccaaccgcac	aaagaagatt	gaggttcgtg	300
aggtggagaa	cgagccgatg	ttcaaagggc	ctccgagacc	agcagcgcg	ccttcagtga	360
ctgcccctaag	gcagcctctg	cgtccactga	ccgctactgc	caatgtcaac	cttccagcac	420
ttgccaacaa	agacaaaagt	gcgtcaaaa	ctggagaaaa	gccagtcaag	gcgttccacg	480
tctactctga	caaaccgcgg	tctagggatt	cttaccaatt	caaaaaacct	gagccaccaa	540
agcgtccttc	cctagattct	aatcacccgt	tgttaaagct	cagccgaatc	acgcagcccc	600
ttcagtcaca	aaagcagtac	gaagatatat	ctgccgccaa	aattgaaaaa	tggtggaaag	660
aaggttaagga	gaatttggct	gaagaactg				689

<210> 5267

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5267

cgcagaacta	ttacaacgcc	tttccgcacc	tgtaactctt	ttcccaaaat	caacatagaa	60
agattggatt	ctctcaatga	gtccgaatac	gcggccggaa	tgagccatga	cgctactccc	120
accgcagttc	ccgctgcacc	accagacctc	cgctacatcc	gctatgacgg	cgcacgcgaa	180
gacgaatatg	tcgctgctat	gcggcaacta	atctccaagg	acctctctga	gccgtacagc	240
atctacgtct	accggtatct	cctctaccaa	tggggcgatc	tctgtttcat	ggccatggat	300
gacacactgc	cggaccgatg	ggtcgggggt	gtagtctcga	agctggaacc	acatcgcggc	360
ggcccattaa	gagggatat	tgcaatgttg	gcggtgcgag	aaaagcattg	aagtcgcggg	420
attgccacca	aattgggtcca	aaaggcaaat	gatgccaaaa	tttggcctga	agccgaacaa	480
aaacgctcca	aaacaaaaat	tcaaaaacgg	ccccctttaa	ttgttttaac	cacgtggggg	540
cctcaccaga	aaagaaatgg	ctttatctta	ttgaaagggt	aaccggccat	tcgttggggg	600
ctaccccaaa	gggagggggg	ggggcctatg	cggagggggt	aaacacaata	gggccccttl	660
aattgtttgg	g					671

<210> 5268

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5268

gttaacgcag	gcgtttggat	tacaatatct	cttgtgatca	ttgtctgcat	taactacttc	60
gggtgtcagg	ttttcggtga	attcnagttt	tggctgtcgt	ccttcaaggt	gatagtcate	120
ctaaqtaata	tcttgcctat	tttcattctg	atgctgggag	gtggtcacct	tctcgaccat	180

ataagattct	gttactagaa	gagtccttgaa	gcattaatat	tatatattag	cgaaggatat	240
tttagtagca	tttttttgat	ttgttatatt	atagattctg	atztatgtac	atgtcagatt	300
acgagtcatt	atatcattat	acttctgctt	tgctacgtgt	cacgatttta	ttataatatc	360
attggttcct	taattcaata	ttatactgta	caataatata	ttgatatcta	tttttctatc	420
ttttttcaat	aatttttacta	agagatcttc	attatgttat	gtctacttgt	ttattttgac	480
gatcttattt	ttattttatg	ctattgattt	tttcataata	tcctagaatt	tataaatact	540
taattttctt	gccatcttct	tttacttaac	atttaaacta	ttattattac	tattaacgat	600
cattattaca	tttcatttat	ctgttatgtt	gatcatctca	tcacatttta	gtagggtgtac	660
tctattttata	tcattaatat	agctatataa	tttctg			695

<210> 5269
 <211> 642
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(642)
 <223> n = A,T,C or G

<400> 5269						
cgagtacagt	gattgcctcg	ggtctggtgg	cgctgtcgag	tccacggcct	gcatattacc	60
ccctccaact	ccccctcgc	gacattgggt	ggcattggca	ttgagaccga	tgtaacgcat	120
cgcgttgtcg	ctgcctttgc	tcttcacgcc	cacccccgcc	cccaaggga	tcagaccatc	180
ccattgctgg	aattcgcaat	tcaccaccga	gatcttcgac	cgttcacgag	acacgaaatt	240
aacgaagtgt	accttttate	tacccatccg	atccggccgg	tttgctgtaa	ttgaatcgtc	300
gcatcatact	ctttgggtgga	aatttaggag	gtacgatacg	acagacagag	attgtgttgg	360
aagaggtcga	ttgaacctag	catcgcatcg	tcccgatctg	ctcgaggcgc	tacatctgat	420
cgaataaact	cagtggattg	aggggggaact	acaattgctg	tttcaatgcg	gccacaacgg	480
gaatatcata	ttgtcgtgct	cggagctggt	ggagtgggaa	agagttgtct	tactgctcaa	540
tttgtccaaa	atgtgtggat	tgagagctat	gaccocgacga	tcgaagattc	atatcgcaaa	600
cagatcgagg	tagacgggcg	acaatgcatt	ttggaaatnc	tg		642

<210> 5270
 <211> 678
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 5270						
gcttggtctg	cctgaacggt	tetaaccatt	ccatcgagaa	tgaattgaaa	ctgtacggca	60
gctgtttctg	tccttctgtg	cagcgtgtat	ggatagcctt	ggaggccaag	ggcattccgt	120
atcagtatat	cgaggtagac	ccctacaaaa	agcctcagtc	cctattggag	gtgaacccaa	180
ggggccttgt	ccctgccttg	cggcacggag	attgggggtc	acatgaaagt	actgttttgc	240
tagaatatct	tgaagacttg	aacaccgggc	cgcctctgct	ccctccaggg	gatgcgaaat	300
ttggagctca	ttgcagactc	tgggcagact	ttatcaacgg	caacataagt	cccaacttct	360
acpgtgtctt	tcaggaaacag	gatgagtaga	agcagatttc	aaatgcgcga	gaacttaagg	420
atgcatttgc	tacgctagtg	aatgcgcgcg	actcacaagg	cccattcttc	ctggggagcta	480
atatatcatt	tgtggatgtc	caggtggctc	cctggatcat	cagattgagc	cgcgtnctga	540
agcctctacg	cgttgggcgc	gaccccgacg	canggagcgc	atggggcgcc	tgggttaacg	600
catcgaagc	taatgagcac	gtcaaaagca	caagtgcgca	tgaactctat	attgacagtt	660
ttaaogatat	ggcccaan					678

<210> 5271
 <211> 800
 <212> DNA

<213> *Aspergillus oryzae*

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<400> 5271
gaaaagaaac cgggacggac cgcgaaggta tggtcagat gcgatcgggg cggacactat      60
cgccccgcga acggcctcac cgaggagacg aggaaacggc ggcgaaacgtc gcggttgatg      120
gactgtccat tcatgctagt cgcagctgga actcctggca tctggacgct gaccgttcta      180
aaccgcacac ataatcatgg cccagttgtc gaaaaacccc ggcaagctcc tcatcacaag      240
gttcggaagg gccaaagtcgc ggcggaaccg tatgattggc cgcattgacgc gactttaaca      300
ccatatacga ctgcattagt gcttatcgat atgcaaaagg atttctgctc gccaggggggt      360
tacctggaat atcaaggcta tgatatatca gctgcccatt cacttattcc taagctacaa      420
catctcctga atgcgttccg agcgtctggg tttccagttc atcatacacg tgaaggtcac      480
cgaccgcgac tctcaactct ctcaagtaga gaggcgtacc ggtcacgaaa taacgcttcc      540
gggcttgagg ttgggtccccc gggtccattg ggccgtctct taatccgggg tgagggtggc      600
cacgacaccc ttgatgaact gtatccgatt caccggggagc cagtcattcg taagcctggg      660
cgtggggcat ttgctcacac tgacttcgag cttctttctc ggaataaagg catcaagaac      720
ctgggtgatt caqqaqtaac taccgatgtc tctgtgggtc ctactattcc tgaaagcaaa      780
cgaccgcagg gtgcactgtc

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<210> 5272

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5272
gaagttcggt ctatttttcag tcaaggattc ccaggccatt gaaatagcat tccagaacat      60
agccgctggt gaggggtggaa aagacgaaaa taaacctaac gagggcattg gcgaggccca      120
ggaactcaca aaggtaacctg tcaatgagga ctatctcttc gatgtggatg tagagcgaag      180
ggagctcagt ccagcatatt ggataggccc cgtatacgaa gttcgtcgtg ggacatgggt      240
tgtccaggac ggctccacga ttaaaccatg tgaagagaac ctgcccaccc aacttgagga      300
gggctatcta aaagttaaac cgtggcgctt tgaagaagtt gaagagccca gcacgttgcg      360
cgatcgtact gaaaatgccc ggcatatgac ccacgtacct gcaaattctc tctacaccta      420
tcgctgtttt ggcgctata tgaatagctt ggtgacatac caggattcgt cgacagcatt      480
actgacaaat gatgacttca tgtcccggtg gagcaccacg gtataccaaa agctgggtgg      540
ggtgccaggt acacgaatag tacgcggttt ctctgagaca aaaagacaga aggaaagccc      600
tgattctaga aaccccaacc gaagaatcaa acaggggtca tctctactcc cgaagcacgc      660
cattcagaat a

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<210> 5273

<211> 616

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

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<400> 5273
taccaggacc atcagctgat gacctacgcc tactactcga gtctcctgcc caacgagacc      60
tttgagcgtc tctactcagg tgcactaac atcgaacgac ttattcaqaa qaacgacccc      120
atcataggtt ggacgcggcg cgatgtctac tgaagctcc ggcccagcga cgaggagggc      180
aaggtctctg ggctcccggt tgagagcgcc tggaaacggc actacaagac taacccaacg      240
aagcgccttt ctatgatcac gtgcgtcaat ggcttccccc gggactccac cggccagcct      300
gaagtccagt acttctcctg ctccaccttc acccgtacc cctaactccc tggccacctc      360
cacatcacct ccaaggacct tgatgcgtcn ctgcactttg ccacgggctt ttctgcgcac      420
gaggatgaca tgcacatcaa aaagtccgtg tggctctaca agaagcagcg cgagatcacc      480
cgccgcattg acatctaccc cggcgagttt gcccgcctac acccggcttt cgcgcgggac      540
tcggacgcgc ccaccccttc ggagcccctt gacgggcctc tcnccgacga tgtgcccgac      600
attgtgttca cggctg

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<210> 5274
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5274
 gaatatatttg gcagccctcc gaagtttatg taaccgactt atattaaagg gagagacaca 60
 gcaggttgat cgagttctag atgccttttc catacgatgg tgcgagtgc atcctaacca 120
 tgggtttaag gcttcagatg ttgtgcacac tatatgctac tctcttcttc tattaataac 180
 cqaccttcac cttgcggata ttgaacaaaa qatgaccaag ggccaatttg ttcggaacac 240
 aatgcccacc atacatcgtg tggccttcga cgcagccccg gatgggtttg aagcactcca 300
 tgtagctcac gataaatcga aagtgtcggc ccgggaatct ctgacgtctc atatggatga 360
 gtccgatcgc gggaacatgg tcgctgataa gcccgcaaat gcgccagcaa agctcgtgaa 420
 tgcactttct cgaactgatc tctccgttaa actgtcaggt gatcctgaaa ccaacacagg 480
 cccgttggtg aatgtgccat tcaatggaac cgataaggcc tggggccagc aagttgaaac 540
 cgttcttaag gacttctata cttcgattca naagcagaga ctcccacttt atgggtgctca 600
 agcagagaag gaggcgcttc gagcttcacg gaaccattta ttgtccccta atcg 654

<210> 5275
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 5275
 gaagaaaaga actgcgggtt gcctgcaagt tctcgtcga ttcattctta tatecttaga 60
 atatccctaa ctacgtttcc ctcaactctca atatgcccgt cgttgcaggc cctcctcagg 120
 cccacggccc ctctaccttc gacaagatga agatgggtgc tatgatggga tcaaccgtcg 180
 ggggtatcat gggcttccatc atcgggaactg tcaccatctt ccagtacggc gccggaccca 240
 acggtgttat gcggaccttg ggtaaatata tgcttggttc tggcgcgact tttggtctct 300
 tcatgtccat tggcagcgtc atccgtaccg aaggacctca caacgatgcc tggctccgcg 360
 ctgggggacc cccgatgatg ctctcctcgtc aaagccctct gcggcccatg cgtcagtagc 420
 tggcgcagtc ccgacttgta gcggaatggt gggaatgtga aacttcccac ggggttatctg 480
 tacaatagta tttatcctga cgaacaatct gtatggccga cggggcacag gcggtcgaca 540
 gttaatgcag gagaggggat yaaaggaagc agggatgatc tctgcataat gtacatacag 600
 tctgggcatt gggacggact tgagacattt tttgcccggt gacaggatgt cttttggggt 660
 acaacaaagc taaccgcgta atgn 684

<210> 5276
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5276
 agcctgcgca accccgagat cgcgaagtgg attgccgaac aggggcgcctt ccccaacgcc 60
 atggctcagc gtatcaccac tcagacatcc gccaccgata aaacggcact cgcagacaac 120
 ttggccatcg aggaactcgtg ggcggcgttc acagagccct ttatgcagtg ggttaattgag 180
 gatcagttct ccgatggccg cccaccattc gagaaggttg gtgcccaggt ggtcaaatat 240
 gtccacgagg tgatggagaa cccactgttc agcaagtttg tgtggcaaat gatgcaggac 300
 gaggtgaagc cgttggttgc cgagatcccc ggcgtaaca ttgatgagta ttgcaagacg 360
 ctcatcgagg gcttctccaa ccccaccatc atggaccaac tgccccgcac ctgcctcaac 420

gcttcggggca	agatcccaca	atztatcatg	ccttcgattg	ctgaggcgat	ctgggttact	480
ggcccattcc	gccgcctgtg	tttcgttgcg	gctgcctggg	tccattacat	taacggcgtc	540
gacgacagcg	gcaagaagtt	cgaagtgcac	gacccgatgc	gcgaggagcc	tccaggccaa	600
gctcgcgcaa	gaagcaccaa	ccccggccga	gcttctcaac	ataagaagcc	tgttcgtgac	660
gacctgggcg	gcgaccagag	gtct				684

<210> 5277
 <211> 707
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 5277						
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ccctgtcatc	ttcaaggccc	tcacctcttc	cggccccgtc	gtcgttgact	tcttcgctac	120
ctggtgcggg	ccctgcaagg	ccgtcgcgcc	cgtcgtcgga	aagcttagtg	aaacctacga	180
gaacgtacgc	ttcattcagg	tggaagtcga	taagaaccgt	caggtcgcac	aagatatgaa	240
agttaggggt	atgccagcgt	tcatttgtgt	caaggatggc	aagccccatg	gagagccgat	300
tgtgggcgga	aacatgaagg	ccctggagga	tagaatcaaa	gaagttgctt	agatattgca	360
ttgagagatg	ggatcacaac	agcgttgacg	gataagcgca	tattgtgccc	caggaaatcg	420
caatgattac	gaacagttga	tacaccaatg	taccgtatag	actccggtgc	cattgagatt	480
ngcaaagata	cccgttcggt	catgttcggc	ctgcacgtta	ctccgtcgta	actggcctgt	540
ttatgtaccg	ccatttcttc	cgcgtctgta	ctatacggct	ctttcattaa	tatttctttg	600
gactgggtacc	ataaaaccat	taaggttgga	aaacagggtt	tcccgtccgc	tatgccgtgg	660
gcatacggaa	aatgtccccc	caagggagcc	cctgatttta	aatgaat		720

<210> 5278
 <211> 975
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5278						
ccgctttctac	actgaccatt	ggctctactc	agaagatgca	tcccatttcc	cctcattttgc	60
atctgctgac	ctccgctgcg	tgacatctag	attaagggaag	aaactggcgc	cgatgtcaca	120
actcgaggaa	actattaccc	ggataagagc	atggcaactg	ccgcgaaccc	cccgtgtgac	180
ctacatgtga	cgagtacgaa	caaagaaggc	ctggaaaagg	ccgtggattt	gatcaacgag	240
ctcatgaaga	aggaactccc	caacctgggtc	gatgagcgcc	gattccgtcg	acgtgagccg	300
gaacaagtgg	aacgtgatga	atacggtcgt	cgtaaatggc	ccgaggagcg	gattccagtg	360
gacettgagc	caattcctgg	ctttaacctt	cgtgcccgag	ttgtcggaca	gggcgggtgca	420
tatgtaaagc	atattcaaca	gagaactcga	tgcaagggtc	aatcaaaagg	tcgagggtcc	480
ggcttcatgg	aaccagtagc	cggcagagaa	agcgaggagc	caatgttctt	gcattgttgt	540
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gttcgagaa	agtatcagcg	cttcaaggag	aaccgcggcc	agcacaacta	tggcggatat	660
ggccagcggtg	gagaccgtta	tcagggaggg	ggctatgggtg	gaggctacgg	tggaggtaat	720
gggggtggca	gtggcaatgg	cagtgggtgg	tatgggaatc	attcgacca	gaactcgccc	780
ttcaggtctg	gtagccagc	cgccgaagac	accacacat	catcgggaag	acaaaccta	840
ttcgactata	ggcgcacagta	tgccacagta	ttcggagatg	attcctacgg	ctgctacagt	900
ggatatcaaa	actacgtcgg	ctactacca	tactatcagc	aatacgccca	gcagcaacaa	960
gagcagttac	aagcg					975

<210> 5279
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

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<400> 5279
gaacattggc tactttttac ctcacgttgg atgttgagga agcgtatgag aagaaacgcg      60
gcgatgtgaa ggaacgtgct gaagagttga ccacgttca cttcaagacc aagggtatcc      120
gtcaacagaa ctcgaaattt ggcaaggaca agttggaaaa ggagaataag ttttcccttc      180
ggcaaaaaga tcccgcagtc gttgaaaatc cccccctcc ttattctgct gcaacaagcg      240
gcagctttgt tgcggcagct aaatcgaaaag cgaagccagc tctccgccc ccaaagccga      300
agccggccag attcgtgca ccagtggaaa cggtcacagc actgtatgat tatgaggcgc      360
aagcacatgg ggaatctcagt ttcttggcgg gagatgtcat tgaaattggg caacggacag      420
acaaccagaa cgaatgggtg actggtcgcg tccatggagc ggaaagacaa gttcctgcaa      480
actacctnca attaattaat tcgattctcc ttccgcgcta tatggcgaat tttatcttgg      540
tctttgcaat ggtcgtttga tgaaccaaga gtcttgcggt gaacactttt ctcccaggtt      600
ggaattttta cctctttcta tagcgttggg gtttggccca ccttcttgta tattatttt      659
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<210> 5280
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

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<400> 5280
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ggaggcctca atgctgagca cgacctgcgg gtggacggtc agcgtatggt gaccttccag      180
aataaacaca tgaactgggg ctacaagacc accccgcaag agcactgtaa caaccgcgag      240
attgattact cccgtggacg gggcatggga ggctccagt ccatcaactt tgggtgtatac      300
actgtaggcg cccgcgatga ctacgaagag tgggcacgag tggtagggtga tgatgccttc      360
cgctgggagc aaatccagcc caggttcaaa gccctcgaga ccttccacgg tgatcttccc      420
gcgggcgttg atccgaagta cgcagctccc cgagctgaag accacggaag ctctggcagc      480
ctgcacgtcg gtttcgcctc agaatgggag aaagatttac cgcccccttt ggatgtcttt      540
gagcaggaag ggttccccct caatgcggac cacaactcan ggcaatccat tgggatggct      600
ggtctgatta aactctgcta caaagggggt cgtccacagg ccgcggacct attgaaaccg      660
gagcccagag aactttgcta tggtn                                     685
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<210> 5281
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

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ctcttttggc ttcgataata ttgatccata tctttctatg tcccgggtccc tggacctgac      60
cgtcttggga ctgaatagcg gtacttcgat ggatggaatc gactgtgctc tgtgtcattt      120
ctcaacagaa ccaacagagt caccatgag gtccagctt ctcaaqtatg gtgaaatccc      180
cttagagcaa acaatcaagc aacgggttat gaatatgac ctccataata aaacctctcc      240
ctctgagcta tgggaggtga atgtcatcct cggtgaaaca tttgcagcgg ctgtcaagga      300
gtctctgtga caatacaatg ttgatattct gtctattgac gtcattgggt cccacggaca      360
tgaaggtctg cttctgtcta tgctgaaga gggagaggtc cgcagtgtc traccatggc      420
gtgaccaaag agcgggccgc cagygagcac cgtccattgc ctcttctgat gcttggatcc      480
tgcaccaccc acaaaagttg gcgcttgcaa aatattgggt gattgcaaat gtctgtttat      540
tccgcgaat ccttaggggt gttaatgcct gctacaactt caatcaggcc cgggcaatgt      600
ttttatcgac cttgtggccg ggcataccac aaccg                                     695
```

<210> 5282
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5282
cgagggggcac agtcgcgcaa ctggaacett tcatccccaa catcatgccg acccttatca      60
agcagcttga tctggacatg attaaagatg atgatcgtea caggggcttc agtgtgttga      120
acaacgcctg ctggctctgt ggagaaattg cagtcaacga aaaggcggcc ctatcaccct      180
acgccgacaa gctgtaccag ggcttatatg tcatcatcaa caacgaggag atcattgact      240
ccgtaaatga aaatgctgca atggccttgg gaaggttggg aatgtgctgc tcggatcagc      300
ttgcccctcg ccttggtgag tacgcgggag cgttcttgaa atctatgaat aagattgaat      360
tcacacggga gaaggcttcc gccttctctg gtttcaacca agtggtcgat aagaacccgc      420
aggccatgga agccagcctt gcggattact tccaggcgat cgctgccttc cctaccaagt      480
ctctccacca ggatgattac cgtgatattc agagctcatt ccagcaggtt ctgcaaggct      540
ataaaaattt gatacccaac ttgatctgt tctcaccaca gcttcgggct cactgttact      600
agaaacttct gtctgtatag caaatctaga ttttgcggc actgctagtg ttcaacgagg      660
gct
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<210> 5283
 <211> 868
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5283
cggaatcttt atgatttcat ttgttcccaa cgcattctca cgaaaatggg ccattcttccc      60
tccaaactac cgtttctcaa gcggcgggta aggcgcgcga ttgttatctc atacattctt      120
gactatgtga ttcttgctgc atgtatcgcc ggtttttaca tctcgaactc tatcgagccg      180
tactatcngc atttctcctt gaacaatatt tcccttatgt acccttacgc tgtccatgag      240
cgctgttcca tcccactcgc cctttgtatc tccgggggtg ctcccttgat tataattgag      300
gtctatacac tcttgatcga tgggctgttt tctcacaaca agcccggtga cccgacttct      360
ggtaaaagga agctgacagg cccataccgg ttcaaggacc gactgcggga gctcaattgc      420
ggtttctctt gccttctact gtcccaaggc cttgcgtttc tcattacca cgggtctcaa      480
aaatgcttgc ggtaaaccca gaccagacat catcgatcga tgccaacccc gaccaggaac      540
tgaagatcca ttccgtggct tgcgaatta cacaatctgc acgggtgatc cggcgatcat      600
caaggacggt tttcgttctt ggcttccagg acacaacagc tctactttg ctggattggt      660
ttatctgaca ctgtggcttt gtgggaagcc gcattatatg gacaaccgag gtgaggtatg      720
gaaggcgata aatgttatcc ttcttggat tggcgccacc ccttatcgat ttaatcggaa      780
tatggacgct aggcaccacc ccttcgatg tgaccaccgg ctgcgttatg gggcattgtc      840
tgtgcctaca ccgtataccg gtccggact
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<210> 5284
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A, T, C or G

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<400> 5284
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gaattatttg atgaagcggc agagggctat caattctctg gttatttggg tctccctaaa      180
actctgacaa ggtgtctgna agatacggat tccgaaggga tcaaggttng acataagctg      240
aagtctccgc ttcatgtgat gaatccagat gggcacatta gggagctgcg agctaagctt      300
cctgtgtoga tatttatctc tcccaacctc gogatcgacg agaacaataa cctagtcgac      360
cagactccgc aatccgctca acgggcaatc aacgatatcg ctcaacaggc acccccgttg      420
tacggcgagc atcagtttga ccagttgtat agcgagcttg accctaattg ttaccgtact      480
```

ccgggacctg	gaagtggccc	cggcacacct	tttggcactc	tcagccgcaa	cctctctgct	540
gaaaacctcg	cttctatgaa	tgctttgacg	aacaccgaca	tctccgcttc	tgcgctacat	600
agccgtctat	caaacctctc	aaaccttcat	attactcgac	cccatcagcc	atcgcccaac	660
gaccatgagt	ctcagaacga	cagn				684

<210> 5285

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5285

cctctctctc	caccacgtca	attcgccgc	gtctccatc	caacccccct	cacaatgtcg	60
cccgctcactg	acggccatgt	cgagaccgc	gccgtcacga	cctgccagcc	tccttcagag	120
cttctcagtt	gcccaggccc	cggtgctaa	cccgggctgc	tctcgctatc	aaccgtcctg	180
ccttcagcac	ctcattacaa	gcgtctacgc	gggcaccaga	aggatgagac	atacgaggag	240
ttctctgcca	gattcgagaa	ggaattcgac	gggtgccaaa	ctaccataaa	accacccaac	300
agcctgtaca	actgctttgc	ctacgatctc	gtcccttccg	ttgaggctct	ctccgcccgt	360
ctcagggccg	ctcgcccggt	caacgactac	cccaccgatg	tccgcgtatg	caacgglatc	420
gatgccatgg	acacgaccga	tgaccaggac	tgacaatacc	ttgacgcact	tgacggctca	480
ctgcaggaac	tcgcggttgc	tctccgtgaa	gagctatacc	ccggcgagca	gtagataatc	540
gaccatagtt	ctcgcatacc	aaatcacttc	ttggtcccac	tgtgccacac	gattacatag	600
gatagctgtg	tacatactct	ataatgcaga	tgatgaggcg	tgctacgagc	actgtgaggg	660
gatagactat	gcac					674

<210> 5286

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5286

tcgttgcaac	gtcactcccg	aatatccacc	caggcacagc	tttggcatcc	acaagatgac	60
atcgctgate	tcogaagggt	ataaacgccc	tccatggctc	ttgcgatatc	gtcctcttac	120
ggtgttcatt	gtcgcaacag	tatggacgtc	attgttcacg	gacttctatc	tatatgccat	180
ggtgagcgag	ggctctggcc	gaatcgcgcg	taccttcgcg	atgcacctac	tcatagcagc	240
tgcagatagt	ccccgtcatg	ccaacagcac	tggttgatcg	cgccggcgct	ccataccaag	300
accgcgagta	ctgggtcagc	gtattactta	tgtgcgaagc	cgccgtcgca	tgcatattgt	360
gccccatatt	cggttacatc	gttgacaaca	cgccaccgcg	ccaattccct	tatctgctcg	420
ggctcatact	cctgggcgca	tccatgggtc	tcctatcaat	tgcgcataca	gtgggattat	480
tcctcgctgc	cagattactg	caaggcggtg	cgacggcaat	ggtcaccgtc	gcaagtctcg	540
cgtctcttgac	agacttcggt	tcgttcgaca	acctcgggca	ggtgatcggc	tacctaaagt	600
tccttggttc	gctgggggttc	ccgcttggtc	ccgtgatagg	gggaattttc	tacga	655

<210> 5287

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 5287

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tttggtgtgc	gtcatqgagt	cctcgcacct	ctgtatgggtg	atgcgcgggtg	tgcaaaaaac	120
gagragrac	accacaaacga	gctgcatgtc	ggaatgcacg	cgntctagcg	caaagaccag	180
agaggaattt	ttgactcttt	tgaccgggag	ataatgtctt	ctacgtttgtc	tytgacacgt	240
acttgttacc	ccccctttta	acagtggatg	gtattcatga	tttcaacgga	gttcggggcg	300
gtttacctct	caacagggtta	tttgggtccg	gttgttctga	tttttaccgc	gccacacggc	360
tggcagatct	tatattattt	tcgtctatac	tcttcttatac	ctacaaaacac	tacttgata	420

catcttgaat	ttctttatct	cgctacagca	gatcctgcag	atacttgtca	tattattcgg	480
gtcgcttttg	cggaatacat	acagaaccaa	ttgaggcgca	cgaactgatg	aaaggaaagg	540
tggaagaaca	tcctcatggg	anggcttagc	tcaactcagc	tattggcata	tgatcttatt	600
acattatgag	atcatactca	atgctaattc	aacactatct	gtttgatgcc	taaaaaaaaa	660
aaaa						664

<210> 5288

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 5288

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tcgagttttg	tgcccatatc	gctcgcgctg	ttatgttccc	atctcgggtg	atcttagaca	120
aggtgcccac	taagtccgcg	ggcaaagacg	ctcgggcctg	gactgcgttg	gtcaatgtgg	180
gaggtagtgt	tttcagtggc	atcactgtga	ctaaattgct	cggggtctgt	gtgttagcct	240
ttaccgcgag	caagattttc	gagatttact	atttcggggt	ctggttggcg	ttgatcttgt	300
tcgcggctac	ccatgcgctc	atcttcttgc	ctgtagccct	gagctatttc	ggaggagagg	360
gatatgccga	ccccggctct	gatggtggcc	ttgaggagaa	ccttgcctcc	cgggggttacc	420
gctctctgct	ggttgatgat	gattacgact	cggacgggata	ttagacatac	aatactatga	480
tacaatgatt	gcttgatgct	tttacggacc	atgggactct	cgggagctcc	gtcaactccc	540
agctctcggt	tggtctgttg	gggatgcata	tggagttatc	aggatggaat	ggtgttagga	600
atnggatcat	tctttacatt	gatggatgta	tacagngcac	ttgggggtatg	tgacataaag	660
cggtaataaa	cgagacgcgt	ttcat				685

<210> 5289

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5289

ccgaactga	ctccggagca	atatggtaat	gtgtttaatg	catatgtggc	ctggaaccaa	60
gcagtggaga	gtgtcgatgc	agaaatgcgt	gaaggtgcac	aatggtttgc	aaacatgaag	120
cagctactta	aactctacac	gcgccagcgt	gacaaggcca	tgatgctcag	cattgtcaag	180
gaacccgtaa	ctgttcaact	cttcgcgtgac	ctattttacaa	tattctacga	gcctctagt	240
cgggtttaca	agtcggcaaa	cgtctacaat	agtatcactg	atttcgctca	atttgccgac	300
gatgccattc	aggtgggtcg	gaaatgtcaa	cgacaagacg	tatctgccga	tccaaaccaa	360
actgtccaat	acttcatcga	cctttgcgaa	cgtcatcaag	cgagcttcta	taagttcgte	420
caagaagtgc	accttcalga	caatgggctc	ttcggctctc	tgatgggatg	gatttgaagat	480
attcttgatt	tcctacgcc	cgggcctgtt	ggtggcaagc	tcgacatgaa	cgtctgtgct	540
cacagcgcta	atgatgttgg	gcaaatcgat	aaagataacg	ctggttgatga	gataaacgcg	600
ctcataaaat	ggcacgaaga	ccgcaagcgt	tggcacctga	ataagaccag	gcagaagaat	660
ggggccagag	ggactcgga	tgacccat				688

<210> 5290

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5290

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ggtcgaacct	ccgccatcac	gaaggaaaga	ccttctactc	cggtccccgg	ttattcaaac	120
gagataaggc	gctctacttc	cccaacatgc	acggtaccac	actcgcatcg	cccaaggaac	180
cgcaagatac	caccacgcag	cttcggggca	ggattttctgt	ggtgaccctt	ttctccagt	240
tttgggcgga	aacacaagtc	gcgactttta	ctggtcccga	acagaatcca	ggcctccatg	300
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ccctcaaagc	atggctgggt	cgcagattta	tgtggcggat	gcggaacaag	ttacctgaac	420
agcaacacag	gcgctacttc	ctagtctgca	aagggtgtcac	ggagggcggt	aaggagtcca	480
tcgggatgat	gaacagcaag	gttggatatg	tttatctgtt	ggatgaaaac	tgtcgcattc	540
ggtgggcagg	aagcgggccc	gcggaggaac	atgagctcga	ggcacttaac	aacggaattc	600
ggaaactgat	tcaagagaag	aaggtcagta	tgggagtcgt	agtaccggcc	tcagagtggg	660
gaacgaagag	tctnaatgag	ttcgcagctc	aaaagccccg	ggttgatcatg	agaccttgg	719

<210> 5291

<211> 608

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 5291

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gtagcgctgg	tgacaccgag	aggactgagt	cagcgacacc	acttggcctg	attcttttacg	120
agcccattcg	tccagatgat	gctttcggac	ggaccatggg	gtccaacctt	gcgacgcgcg	180
ggatccactt	gcaaacactt	catcagtagc	catcactagc	ggcgcagcga	aaacgggttgc	240
gagaacaagg	cttcgcgcgag	ggccaagccg	cggcagatgt	ggatttcatc	tgggaacgct	300
gggtgagtga	agaagaaaag	gagagggtgt	cggcactcga	gatgctggac	gagatggaag	360
aatggagatt	gctggcgcaa	cattattgta	tgcggtgggg	ctggcgtag	gggtctgtan	420
gagttgttga	cgggtggaga	gggattgagg	gacaatcagc	ggattgacca	aacaggcaga	480
caaactgcc	tgcttttgg	gtcgacgata	cgcacatccg	aaatatagat	ggggatctgc	540
gcaaagagag	tgtcncttat	ttttcccgag	gaatattttt	ttttttcaac	cgggaaaact	600
ttttgggg						608

<210> 5292

<211> 1042

<212> DNA

<213> *Aspergillus oryzae*

<400> 5292

gccaagtcta	gcaatcagct	tctccaatca	accacccgac	tcattctgtat	actcctccat	60
cggacagcaa	cagtcaccat	gaatcgtctt	ctgaagcttg	ctttcttgtc	tttggctgca	120
tcctctgoga	ttgcgaccac	cgcctctgag	caggctcgagt	cggagaccac	cacgggtggcc	180
gaccagtcgg	attcctctca	caaggctctt	cacttggttcg	agaagttcag	ccatgggtgtc	240
ttcgcctcgg	acgaagatgc	tgcggaagct	ctcactgcgc	aggatagaga	gctggccgcc	300
catctgaacc	tcaagaggga	caacagctct	tcgcgtgtag	agcctcagc	cactgctgta	360
gtaccatctt	ctctactca	agcttctctt	ccttctctca	acactgaagc	tcctctcttc	420
atcagggaag	ctctctctct	ccacaccact	gaaactcctt	ctacttcttc	tccttccact	480
acagaggctt	ctctctctct	ctcgtctgac	tgcctgactt	ctcagggcga	acgaaccacc	540
tcagcccaat	ccaccacggc	cacgcctact	caaaagacca	cgtcgaacc	cactaccagt	600
gagcagccca	caaccaccca	gaagcccaac	acctcggaga	aaaccaccca	aaagcccacc	660
accagtgagg	agcctaccac	caccgataag	caaacacact	cggacaagac	cattcttgag	720
aagacacacg	agaagccca	caccacccgc	ccactaccac	cgacaagcca		780
accacutccg	aaaaagccac	ctcgggacag	accacccgag	ggcccaacac	cagcgcagat	840
tcacacacag	gcccacacac	catgcaaac	accacacacg	ccccagagcc	cacaaccacc	900
gaacaaacaa	ccaagcacac	aacccctac	acctccacct	acaagagcac	caccactctc	960
cccaacggcg	agcatagcac	catacctcc	atacctctcg	tgcacccacc	cgaaccgcac	1020
gtcgccacgc	tcaccagcgc	cg				1042

<210> 5293
 <211> 720
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

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<400> 5293
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tttcttctac ggtagcggta gcgacagcga ttccagctcg gatgaggaaq agcttctcac      180
cgatcgcgag gaggaggaga aqtcagagga ggaatccagc gaagaggagg aggagacttc      240
ggaggaggaa tctctcgatg acgagggtga aacccgtgcc aatcgtttct tgaggggatgc      300
atcggagagc gaggagagcg aggatgagga gaaagtaacg gttgtgaaga gtgccaaagga      360
taagaggctg gaggaacttg agggcatcat caagttgatt gaaaatgccg agaagattaa      420
cgactgggct gttatctcgt cagagttcga taagcttaac cgccaggtcg tgaaggttac      480
gcaatcgggc ccagttccca ggatttatgt caaagccgtt gccgatctcg aggatttcgt      540
gaacgagact attacgaagc agaagtcagc gaagaagatg aacgcaagca actncagggg      600
tttcaatgcg gtccagccac gtattaagaa gaaacacaag gagtacgcca ctcatatcga      660
gaagtatcgc agtgataggg atggctacat ggaggggcanc gagangangc tangcccgcc      720
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<210> 5294
 <211> 710
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

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caaggccctc aatacgccca ccgggtatcc gttcattgaa atcttctacc aggccaccga      120
ttccatttcg ggggcgctgg gaatgagctc ggtcctgctc atcatcgccg tttgttcagt      180
cattgggatg ctggcgccca cctcgcgaca gttttggctg ttccgccagag atcgcgcggt      240
acccggctgg cgcttggtga gtaaggtttc cccgcgaaca tgcattccga cctattccat      300
ccttctcacc atgaccgtcg cagctctgct gggactcgtt aacattggat ccgctgtggc      360
tttgaacggt atcatctcca tggcgggtgtc aggcatttat ctttcttate tgattgtcgc      420
aatcctaact ctctaccgtc gttgcaaggg tgaaatctct ctgtatagtg acggagagga      480
catgctggtc aaegtacctg gtgccaagct gatgtgggga ccatttcaca ttcgaggcat      540
cttcgggcacc ttgatcaatg gctacgctgt catctacatg atcattgtgg tgtttttcag      600
tttctggccc agccagatgt ccgttgacaa aacgacgatg aacttcagtg tcgtcggcac      660
gatcgggaag attatcctgg cgctgatcta ctatgtcttc cgggcccgan      710
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<210> 5295
 <211> 632
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5295
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gtgaagggtca ccacgaccat caccaccgac cgactgtctc agactcaagc tcaagccact      120
gtctctgttc ctgcgtcttc cactcccgta gtaactcctg agccttccca gcccgctgag      180
gttcttgggc agtttcacga gagtggagcc cccgagcccc agcaatctgc aaccatccag      240
ccggtttggga ctcccacccc ggctgagttc actaactctg ctactcccac tccggagcct      300
```

accgaacagc	cggaacctac	cgagcagcca	gagcccacca	ccttctacga	cactgccact	360
tcttccctcg	ccccagcag	ctgtggatac	accaacgatg	gcagcaccga	ggacgtcctg	420
gcccttcccc	tggcatgat	gaaggacagc	gactgcggcc	gcattggtgac	catgcgctac	480
aatggcaagg	tcgtttccgg	caaggctcgt	gacaagtgca	tgggctgcga	cagcacctcc	540
attgacgtgt	cgcgccacat	gttcggtttg	gtggcttccg	aagatgcggg	ccgcctcttc	600
gatgttgagt	ggttcattga	gtaaatgcgt	tgagtgcctag	cttcttctgt	tgactctttg	660
atTTTTTggt	acttcgcttc	tt				682

<210> 5296

<211> 596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5296

cgaggttgag	attggtctct	cccttggtct	cggaaaggtc	aagactctgc	ccctccgttc	60
taccctccac	cgcgtacca	ctaccacct	cggcctcaag	cgtcccagct	cgagacagac	120
tctctcggag	atcgtaaga	agttcggcca	gttccctctc	agcttgccgc	agctagatga	180
tgagaaggcc	gctaagggtg	gtgtcgtcga	gtgtgtccgt	ggtggtgtcc	tgagacagta	240
cgagcctgcc	ggtgatgctg	acaacgcccc	tgtctccgcg	ctcttgacta	ccattgctat	300
caccaagaat	ggtatcacta	agctcactgc	tcccgccgca	cctgatttca	ccaagggtcaa	360
gtctgataag	aagatcgagg	atgaggaaat	cctcaagatc	cttgagcgtc	ctctgtccaa	420
gtcgactggc	tccaagaaga	acaagaacaa	caagaagaaa	gccgccaaga	aagccgactc	480
tggcgacaag	gagtaaataa	gtcgtttgac	tccgtcaact	ttggcatatc	tagtgaatcg	540
ttggatatgc	agatggaatt	gcttcaggcc	atggttgga	cacctttcgg	agtgc	596

<210> 5297

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5297

gaatgagcct	gtcgattcgc	acagggtgcga	gccccgttca	tagctcctcc	aaggagcagt	60
tcagcacctt	gctgacgaag	tctcgctttg	ttgtcgcgga	cttctacgca	gactgggtgcg	120
gaccatgcga	agccatcgcc	cctgcctatg	agcagctggc	agcccagctg	tcacgcccga	180
accgaatcac	cttcaccaag	atcaacgtcg	atcaccaaca	ggaccttgct	aaggcctacg	240
gagtgcacgc	catgcccacc	ttcatcgctg	tcgagcgcgg	ccgtccaacc	tccaccgtca	300
aaggcgccga	ccccagaag	ctgtcggagg	tggtcgcgaa	actcgcatcg	gaggccagca	360
aacccqacga	cggcgggcag	ggctcatcag	gcagctccga	cgcagattgg	atcgggctgg	420
cgcacccgaa	aggetacgcc	gacatcacgg	accagtacga	tcccaagggc	ctggagctgc	480
tgaaccggga	cagcgagttc	ggaacggcga	agacactctt	cgagacttcg	aagccgtcgg	540
cgtgaacaa	cggcaaggga	aaggctaagg	attgggtcga	gagcgatacc	gatgaacagc	600
ttatgctctt	tgttcgcttc	cagtcgacgc	tcaagggtgca	ttcgttgacg	attacttcgt	660
tgcctcccag	tgatggtgat	gagcttccca	tgcgcccgca	gacgatccat	ctctacacga	720
accgctcgca	tgtttctggc	tntgacgagg	ccggaggta			759

<210> 5298

<211> 1347

<212> DNA

<213> *Aspergillus oryzae*

<400> 5298

caccattctt	gtgtacagca	ctgtgtccac	agtgaactctt	acgtcgacat	ctaccatttg	60
caacaagtgc	actgtacttc	ctcctactgg	caagcccacg	ggcactccga	gcggaacctc	120
tactaccccg	acaggcggtt	cccttgagga	gctcctgag	gattctacca	cgaccgtcgt	180
taettatacc	accgtgaccg	actgcccagt	aactacgact	gctaccgccc	gtggcaccac	240

gaccacttct	gtctacacga	cccagtcac	cgttacactg	acttcgacct	ccacgggtgtg	300
taccaagtgc	tctccactc	ctgcccctac	cggagtcgcg	cctatcagta	gtactcctgc	360
cgagggtgca	acgacggtcg	tcacctacga	aaccgtgacc	acttgccctg	tcactacgac	420
tatcacctcc	gggtggctcca	ccactacgtc	tgtcttcacc	actgtctcga	cggtgaccaa	480
gacttcacgc	tctgcccgtga	agccgactgg	cgttccctct	tctcctgctc	cctcttcacc	540
tccaccagca	aattgcccta	actcgggtgc	caagtgtatc	aacacctggc	tccctcttgt	600
gcccgaagtgt	acttccaacg	cggagcccgg	ttgtttctgc	ccgaaccatg	agttcacaga	660
taagggtcatc	agctgtattc	agggcatggg	tgcattccaa	gaagagatcc	aggccgcgct	720
ctcctacttc	accggtatct	gtgctcccta	tatccctggc	aatccaggca	ttgtcactgc	780
cattccgagc	actattactc	tgatccccac	tctgcccccc	acagggtgtc	ctcctgtgac	840
tggcaccagt	gcggcaccaa	acccaaccgc	cgtccccgag	gttctctgca	cgaccatcac	900
ctactccacc	tacacgttga	cgtgccccca	ggttaccttc	accaccggcg	tctccggcca	960
ctcgaccacc	gtcggcttga	tcccggggcc	tgcccccaac	ggcgtatccc	caggtcactc	1020
ctcgggcata	ccgaacccat	gggtctccgc	ctcgtctact	tggatctcca	gccatcatcc	1080
tagctcgaca	gccaagccgt	catctaccta	tacccctcct	cccctggcta	acactgcctc	1140
ctctgtgtcc	accagcttct	ggctggccat	gggagtcgcc	gctctcttca	gcattctttt	1200
ctgatcataa	cactcctttc	tcttgtttga	tcttgccttc	acagaccatg	ttacttatcc	1260
atccttctca	gattgttaat	aggttgtgac	atataggtea	ctgagatgaa	tctggatagc	1320
aaatgtatca	agtttctttc	ctttaag				1347

<210> 5299

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5299

ccgatgtaca	gacccgactc	cgtgaagaga	tccttgcaaa	cctccctcct	atctcgacgg	60
agaaccccc	gcgcctgct	gctaccgata	tcgataatct	cccatatctc	aacgcgggtc	120
gtaatgaagt	ccttcgctat	cacccgctct	tgctggccac	tatccgctgt	gctagtcgag	180
acacaacgat	cattggcgag	cccattccga	aaggcacgtt	atttctgatt	gccccgaaa	240
ttatcggtaa	gagcaaagaa	ctttggggcc	cggacgccga	caagttcaac	ccagaacgtt	300
ggctaggccc	tggtcggggc	aataacgggt	gtgctgacag	caattatgct	aaccttacgt	360
tctacacgg	accacggagc	tgcattcgcc	aggattcgc	taaagcagag	ctcgttgca	420
tggttagcgt	cgctggtggc	aagtaccata	tggagctgaa	aaatcccaat	gctccactcg	480
aaatccgaca	acaagcgacc	gtctgcccta	aagatgggg	gcttgctaag	tttactaata	540
tagaagggtg	gtgaagaaat	ttcacggttg	aattcatctt	tatgtatatt	aatgtcgatc	600
tccttactgt	cttggaatc	tatgaatcag	ggatctagct	gtggcaactc	acgatgaaag	660
tgggtggtgt	tcctttggn					679

<210> 5300

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 5300

ctctcccat	cacttttcac	atggcatccg	aggtctctgc	atcgagggg	gtacaaaaac	60
ccaagattga	tctgtccaag	aaactttcag	aactgcgttc	aaaccgaaag	tcccaaccgg	120
cgtaacttcc	cgcgcgctcc	agagaacctg	ctccagtcac	cccgcgcgtt	tctaaccttc	180
cgatctatc	ctcccaacca	tatgcacgcc	cagttcgccg	aattcttatca	aacctgacc	240
atcagttggt	cctttcctcg	tcattcatatt	ctctaactct	cgccttcata	ttcgtctctt	300
cgatttcggt	tgcggggcgt	gcacccacag	actcgaaaga	tgttcgggtt	tgcgcaaacg	360
tctccaagat	cctcgccggt	gttgaatcca	tccggacact	tctggatcaa	cactcctcta	420
tcgaccaagg	tggctcaaga	ttcggttaacc	ctgctttccg	cgacttggtt	gacgatgttg	480
cgcgcgagag	cgcaaatgg	cacagggaga	tccttggtat	tcaggattcg	accgccatag	540
aagaagcatc	agcatatctc	atacactccc	tgggctcgcg	agatcgtcta	gactacggtt	600

cgggccatga attaaatttt atgatgtggc tgttatgcct acgccagatg cagctatact 660
caaccgcaga cttcgaga 678

<210> 5301
<211> 821
<212> DNA
<213> *Aspergillus oryzae*

<400> 5301
tgtggattgg gacgctttgt ccaagaagca ggtcatcccg ccgttcaaac cgaaacttaa 60
atccgatacg gatacttcga acttcgatcc cgagttcaca aatgccaacg ccacgttaaa 120
cgaccgtgca gcagcagtag cgaatagtta tatgccagca tccaccccgc tgtccccggg 180
tttgcaagct aacttcaaag gcttcacttt cgtaaacgag agctcaattg accatcatct 240
gaagcatgaa cccacagatc atatggacga ggaccctgat acttggcaac gaccgcaccg 300
ccctgggggt tttgacgac accgtatgac tgggtgtccc aaggctcacg aaggcggaga 360
gcctggaatc ttcaatgttg atgacaattt cgatatgtga ttattttgcg atgcatgatg 420
ttggagtgtg gaactcttct catatatcca tatgacatgt acatggcttt attggaacag 480
gccaaaactt ggtttgtctt gcactgtctt gctgcaagtg attagcgacc tatctgttgg 540
tactatcata ttctgtggatg tgacgacaga aatgatgtga acacttctga ctaccatgcc 600
aatctgggtg atccgggctc caccattcgg gtagatcggg cagcatattg ctcttgactg 660
agatctcctg acccgtttgt tactcttgac tgcttacagg tctttggctt ataccatctg 720
tgacattgtc tttcttgacc ctgcgaatca ccgacagtca tcggtttggg attgtataga 780
tggaaggctc ggcgctccct tggttacagt tagcacgggc t 821

<210> 5302
<211> 669
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 5302
tccagagaac gactggcctg caacataccg cgatctcttg atcaagcata aggatcagtt 60
tactgtacgc aacaattgtg tttaccgcaa agtcaaaaata ggcactgaaa cacaagaaat 120
ccgctatgta ctcttcgcc gccgcgcga ccttgttcag cagttccacg aatcattcgg 180
ccactccggg aaggcaaata tctatgactt gatgcgcaaa cgggtggtggg ggctgacat 240
gaggaccgat attgttaatt ggctcgccac ctgccacaa tgccagcttg ccgcaaatgc 300
cgacaaaaat actcaccacg cccaatgaa gcccttggat gtcccacctg cattttcccg 360
ttggcatctt gactttatcg gcgaactacc caccacagca natggtaacc gatggatctt 420
ggtcgcgggtg gactctgcca caaattgggtc tattgtctgt tccgtacctg acgccaccgg 480
agaggcgatt tgcaagttcc tatatgaaga gatcgtcctt cgtttcggtt tgccagacga 540
gattgttact gacagaggcg caaacttcat gtcgaaagta cttgcaantt acannccggc 600
catcaaacta cgccacgtct tcacatcagg ctttcaacca tgcacaancg ggaaagcaaa 660
gggtacgan 669

<210> 5303
<211> 659
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

<400> 5303
gacgagaaa atgacgccag aagcgacaaa gtcctctccg aggagaacgg tgctcgtacc 60

tcctctccgg	acaatgccca	cttgaccctt	gaaagcctgc	gcgccgaagt	ggaaaccgac	120
attgccgcct	ccggccatga	ctccgcata	gaccgcmaa	caaaggatcat	caacagagcc	180
attcaggata	tcggcatggg	ccgttatcag	tgggagctgt	ttgcaactctg	tggatgtggt	240
tggttggcag	acaatctctg	gttgacaggt	gttgccctaa	cattgactca	aatgtccgcg	300
gaattcgggg	tctctgaaag	tcgtgtccgt	ttcaccacct	gcgcgttggt	cttggtgtctc	360
tgcctgggtg	cttcgtttctg	gggtgtcgca	tcggatgtta	ttggacgtcg	tctgtctttc	420
aacctgactc	ttctcatcac	cagtgtgttc	gggtctggcg	ccgnggttag	tcccaactgg	480
atcggtgcct	gtgccctatt	ctctgcttg	gggtctgggtg	ttggtggaaa	tcttccagtt	540
gatggcgcat	cctcctggga	gttcttcaan	tcgtctggc	aactccctga	catgctgagt	600
gtctggtggc	caatgggcaa	ctatctcagt	ctgctcgcat	gggcctacat	tcaacataa	659

<210> 5304

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 5304

ctggattata	cactatctca	tcggctgtca	gccatggaac	cgatgggttca	tccttttttt	60
gatgaactca	gggatacctag	caccgggcta	cctgattccc	ggcaccagaa	tgggccatcg	120
cgagagctcc	ctaactctgtt	tgattgtctc	cgacatgaac	tctctatcgc	accggcaatg	180
aacagtccgc	ttattccccc	tcattgcacgc	cctgcctcgc	aagcccgccg	gatagatatt	240
gataacttta	cacccctaac	gaaagatgaa	atgatggcac	gcctagattg	acttgagggtg	300
tgcgatactt	acgaaataca	ccgggtgttca	tagtaacggtc	acatgcacgt	gtgcgcgata	360
ccntgatgct	atgctgtacg	agttcacttt	gatgcaccag	gcggttatta	actgtgagag	420
gtcattttcag	gtgtagacgc	ttatccattg	gcgagacctc	ttggagctgg	cttctctgca	480
gacgggggtg	atgactctca	tggcatttgc	aacggtcttc	cggcaaagga	tatgacggat	540
tgnttcccg	aaggaaacgg	gccaaatgtc	gaagagaatg	tacatccctt	gtcttaactg	600
gaaaattcct	ttgtttttct	gtttcccttc	ctaata			635

<210> 5305

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 5305

cataacgggt	cctggaagtg	ttcttccaga	ctattcacag	ccattactgt	cgaacctaca	60
gcataccagc	tgtgttcac	accttgtatt	ataatcacct	gactactcag	taaagaacca	120
tggccgacgc	agagttggaa	gagatcagga	gagcccgctc	ggctcagctt	cagcagcagc	180
agggagggtg	accacagaggt	ggccccgctc	cagacgggtc	ggatgatcag	aggaaacaag	240
cagaagcaga	aggtcgctct	ccqattctqa	accaaactct	cgaacccgaa	gctgccgacc	300
ggttggggcg	cattcgctct	gtgaaagagt	cgcgcgcgtg	cgacattgag	aaccgactga	360
tcattgttggc	acagacaggc	caactgcggc	aaaaggctctc	ggaggatcaa	ctcaagcagc	420
tcctgaatgc	tgtggctgag	aaccagcgca	aggatgagga	agagcataag	gttgtattca	480
gtcggcgtaa	aggaggctgg	gatgatgacg	atgacttggt	ggatctgtga	aaagttgaat	540
tgcaaaacag	cgaatgccgt	ttaagcctgt	nnnnnanann	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	622

<210> 5306

<211> 718

<212> DNA

<213> Aspergillus oryzae

<400> 5306

gcccgtcccaa	cagcagggctc	cccttccctg	cccgcgcagg	tcaccgagct	cctcctcaca	60
aacgcagacc	aggctccgct	cgccggccta	gcagcccgcg	actccctccg	tctggaagcc	120
ggcatgtgtc	tctacggcca	cgacatctcc	accgcccaga	ctcccccccg	cgcctctctg	180
ggctgggtcg	tcggcaagga	ccgtcgcgac	cccgcgaaccg	ccaacttcaa	tggcgccctc	240
gccatcctcc	cccagctcgc	ctcccccgcc	aagaccctct	cccagcgtcg	cgtaggcttc	300
accgtcgaga	agggctcccc	cgcccgtaga	ggcgtgtgca	tcgtcgatat	caacgatgaa	360
tcccgtaccc	ccgttggcat	catcacctcc	ggctctccca	gtcctaccct	cggcggtacc	420
aacatcgcca	tgggctacgt	caaacaaggt	ctccacaaga	agggtagcca	ggttggcatc	480
ttggctcgta	acaagctccg	taaggctact	gttaccagta	tgcctgggtg	ggagagcaag	540
ttctatcggt	caaggcctaa	atcccataat	gggggttagct	ctgtgggtct	ggtttttaag	600
cttttggggg	ttgcgggtggc	ggtttctagc	ctcttttctc	tttaattgaa	atgttccatg	660
cgggagtgta	ctgtagatat	aacgattccc	cttttcaatg	catttgtgca	aaaatggg	718

<210> 5307

<211> 987

<212> DNA

<213> Aspergillus oryzae

<400> 5307

tcatacttat	ccatcactct	tcattccattc	aaactttctt	catccatcac	ataccaactc	60
tacactacac	atcatgtctg	gtacagatca	gtacaaccag	cagggcggcc	actacggcca	120
agggcagcag	ggctacggtc	aacagggcta	cggctcaacag	ggctacggtc	agcagggcta	180
cggtcagcag	ggctacggtc	aacagggcta	caatcagcag	agctacggac	agtcttctgg	240
atacagatcag	ggatacaaca	gccatagcgg	tagctccggc	tctggtgccg	ccaacgacta	300
ctacggcggc	ggcggacagt	ccgagcacca	ccagcagctc	tacggtggtc	agcagcacta	360
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cggcggtgct	caggagggtg	aacgtggcct	catgggtgct	cttgccgggtg	gtgcggccgg	480
tggcttcgct	ggccacaagg	ctgatcacgg	gttccctcgt	acaattgggtg	gagcgatcat	540
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gcagcaagag	tatggcggct	acgggtggcag	ccaatatggt	gccccctact	ctcagcaggg	660
tgggtccgggt	atgatggacc	aacttgggtg	cttcttcaag	aagtagtaaa	cccgttcttg	720
tcacctcacc	tttccacgat	gatccctttc	cgcgatacgt	gaactagctc	ctttcgactt	780
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cacggacatg	ctctggggat	acaattcttg	ttttttctct	tcgatttggt	gctgcactctg	900
ggcttattag	ctcacttaag	atgagaacgg	ttgttccactg	gcttttttat	cttttttttt	960
tttacaatta	taactattgc	tatcttg				987

<210> 5308

<211> 711

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 5308

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cctgagatcg	tcaaggagtt	ccccaccatc	cttggcgcgc	tggaggcttg	cttgcacatg	120
gacgtttctc	gtcttcagga	caatgccact	ggctgtctca	gcgcgatgat	ctttaagcac	180
cgtgacagcg	ttccctcaca	ggacgtcctg	cctgccttta	tcaagctcct	ccccctgaag	240
aacgaatacg	aggagaaaga	cccccttgta	cgcctgatct	gacagctgta	caagtgaggaa	300
gaccccaaca	tccgcagagt	tacccctcaa	ttcctgcccc	tcttccagtc	tgctctctgc	360
ggcgacgagg	atcagctcga	ggacgaagcg	cgcgcgagcg	tcgtcgagct	tgtaagtggt	420
ctgaaccaga	tgcagcccg	tgtctctcct	tgggctgagc	agctgtaaat	gctcaccaga	480
catgatggct	tgacgactca	acaaatattt	aatggataga	ctgggttaaca	aaatggtttt	540

atgggttgaca	gatagaagat	acccctccgg	agcgcatcan	ggtcggccct	gtttatgcgt	600
gatgatgtga	cgaagacgga	tagaaaagtc	atgtattcgt	ttcgcgatga	tttatgaatc	660
aaatgttgta	atattcaatg	tttttnnnna	nnnnnnnnnn	nnnnnnnnnn	n	711

<210> 5309
 <211> 666
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

<400> 5309						
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ctcccaggca	ttcgtgaggt	tacccgacga	cgagtgtctg	accgtggcga	caaccaccag	180
actattcgcg	catgaagcaa	gaactcctaa	gagattatcg	gcattcatgga	agggttcctc	240
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gaactatacg	tgtctgctga	ttcgcgggga	aacctgtaga	cagtattgac	aacattgcatt	360
aaactctacc	caaaaatcgt	gaaacaggtc	cctacaccag	aagagctcca	tgctggcctt	420
gactggcgga	tgtccgacta	ccaagtccag	atagacctct	accaccacta	cggggcggaag	480
aatcggaagg	acaagatata	gacaggcact	cagttaacct	caacacctaa	cgtaactccc	540
cagagcttgg	caaaggggat	ccaatacttc	tgcattctcc	tgccgggaaa	ctgaggggtc	600
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ccattn						666

<210> 5310
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 5310						
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tcagcgggaa	gcacacaacag	caggcgatca	catcgggttg	cgaggcaagc	agccgtacca	360
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tcattgactac	tttactactc	aatatttcaa	gcgttggggtg	cttanagtat	acggattctt	660
cacatagtca	cgctt					675

<210> 5311
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5311						
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gcaatttagc	caaagcagcc	ttctacggcc	gcgacccttc	gagttccaac	gctttctatc	180
agaccaaagt	cgtatcctga	aaatgagctc	cgaaggagaa	aaggccagga	cctccggcga	240
ggtctctcgt	ccggagccta	ctctgcctac	tgttaaccgc	gccgctgaga	gggcagagcc	300
tcccaagcct	gccttcacc	ccgcggttta	tgtgaccgtg	tggattactt	tgagttccag	360
tgtcattctg	ttcaacaagc	acatcctcga	ttatgctcag	ttccgcttcc	ctattatcct	420
taccacgtgg	catttggcat	tcgcgacctt	catgacccaa	gtcctcgccc	gcaccaccac	480
cttgctcgat	ggccggaaaa	ctgttaagat	gactggccgg	gtttacctcc	gcgctatcgt	540
ccctatcggt	cttttcttca	gtttgagttt	gatttgtggt	aacgtgacct	acttgtatct	600
aaagtgttga	ttcattcaga	tgctcaaggc	tactactccg	gtcgtgtgtg	tgttcgccac	660
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<210> 5312

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<400> 5312

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acccatccat	ttaagaaaag	aaagggaaaag	ttatttggca	aacacccttc	cgaaccccaa	180
accaattccc	ggcgaacgtg	ccatttcggg	tggattaaaa	tttccggtgg	gccacatgga	240
ctttgtccgt	gaagtccctc	tctggggagac	cccaatgtgc	ggggaaaagt	gtgtgaagct	300
ttcacttggc	acaagtgcgc	ggcgcgggct	ctcccataat	attgtgtacc	tgctctaggg	360
ggagaccctt	gtgctctggg	attaggaaat	atgtgtatag	gaaagcgcac	gcgcacaggg	420
atccccacat	gaagaacacc	ctggacttta	gataccctt	gtgctgtgaa	ccctgttggg	480
gtgatgaccg	cgatatgcgc	tttcaagccc	tctttacaca	cggagcacag	cccacgcggc	540
gaacaaaagg	caccagggag	aatatctcga	tgacaacaca	gagccacgaa	cccacgtgtg	600
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<210> 5313

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<400> 5313

ccaagaagga	aagtcccaca	tggtactggg	gtccgagtat	cccgggtgaag	accgtgggtgc	60
cttgggtggt	gttactcttg	aagatgtgat	cgaggagctc	attggcgagg	aaatcgttga	120
ggaatcggat	gtctttattg	atgttcacaa	ggcgataagg	cgcatagcgc	ctgcacccat	180
aaaatcccgg	gttcctaagg	gcaagattgt	ggaagaacct	ccttctttac	cccctcagaa	240
gacgggcact	ttggtggatg	tagatggcga	accccaagtc	tccaaacccc	ctgcgaacgt	300
tcgccgtcga	agctcagtag	aaccgccact	tccgcgtttc	cagcttcgga	tgccacagtc	360
ggacagaaat	tcagattcaa	cagatggcct	agtaacccaa	cgaggaaacca	ctgacgaaat	420
tcgggagcac	ttgaagcacc	tcgggccttc	taatttggcc	agccgacctc	gtcaaaccgc	480
gtaccagaat	gtgaagatca	agcgggctag	cgtctcgcc	actcgttctg	cgcaaaccga	540
tatggactct	ggccatagta	tgtctggctc	ccaggccttg	catcctaact	cgaccgcctt	600
acccgggtggg	atcggcgagg	gactagtcca	gcccgggttg	gatgcaagag	atggcgcata	660
cgctgt						666

<210> 5314

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 5314

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ctggcatgga	acaagcatat	aggataaggt	aatgagatgg	ggatccattg	ccccattcat	180
tatagctagc	gtgtggatat	acaatgtaat	ccggggccgt	catgctatag	gcaaagcgat	240
cagaattctc	gagtttgcct	gtcggatcct	cgccacaaat	ccagaactcc	tgatccttgg	300
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ggtattccta	gggggaacca	tagcgggggc	gggtcgcttc	atcatcagtt	tcagtagttg	420
gtggctcggg	gtctatttca	ttcttggtta	tgtctgggtca	ctgggagtta	tcgctggcat	480
tcagcgtgca	gtaacagctg	ctacagtgag	ccagtggtac	ttccaccgac	tcacatcccc	540
tgccccgaca	tcaaggcaga	tcgtttgggc	agcaattaat	cactcactca	cggctttatt	600
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<210> 5315

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 5315

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ttcgccaatg	gtttgagtc	gaaattgagc	cctatgtgac	cgaatgggat	gaggccaaga	120
atgttccccg	tcataattac	aagcagatgg	gtgaacgggg	ttaccttgcc	ggattattgg	180
gtggcaaat	ccctgtcgan	cacacgaaga	accgtgtgca	gtctgtcgct	cctgaaaact	240
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tctatgccga	ttacttcacc	accgtgttgc	gtacgggcgg	gccccgtatg	aattgtctta	600
atgtccttct	cattgagaga	gagcacggcg	gagtcagcac	gaaacgcatt	gacttgccag	660
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<210> 5316

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5316

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tttttgcac	cacccctacc	gcggaaatgg	ccgccacatg	cccaaactac	tgccgcattg	180
aagattatgg	catcatcggg	gatatgcaca	cctgtgccct	tgtgagcaag	aatgggtggc	240
tggactttat	gtgctggcca	gcgttcgact	ccccgtctgt	cttctgccgc	gttttggaca	300
ataacaagg	tgggcatttc	accatccgcc	cggcaggaga	tatcaaacca	atgagcaaac	360
aacgatacag	agcgtgtaca	aacgtcttag	aaacgcgggtg	gatccatgag	gatgggggtga	420
tcactctatc	tgactatttt	cctgtattaa	gcaaaaagcc	ctccccatcg	ggggattccg	480
cgtaagcctg	gtgctcctgt	gatacggctg	ctgatgggtc	tgaaggggca	gaatgtcgct	540
cgggagtggt	taggaagggt	gaatgcgttc	gcggacagat	gggcatgggt	gtcgaagtct	600
ttcctgcgtt	taattatgcg	ctngagcagc	ataccgggtca	gtgggttaact	cgtgggtgac	660
ctgggcacgc	gctgaatgag	tatctattcg	aaa			693

<210> 5317

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5317

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ccacatcttc	cgctggacgg	actggcgaca	atgogacatc	cgcttagtca	acctagcata	120
gcataactag	cgcgctgagg	ggttcaccga	attaaatgtg	tataacttag	tatccagaca	180
tgaacgccgg	tgctagacga	tacgtgttaa	tctgattgac	cagggtgget	gcttctctcc	240
agaaggctga	gggcgatcat	ttatagttgc	tcccagtgtt	gtcatttggt	ctactatctg	300
agaataaaca	ccgtgaaact	tgccggctga	ctgtaaaaca	acaagttgca	tggtgaatta	360
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tggtcgcttc	aggctctcta	tacagcttcc	acgtccctcc	ttcggcgcgt	cccaggccca	480
ttatacacag	tcctgactag	gttacctctg	aagctagcaa	gtctcacagg	aaatcgcatt	540
tatttcgtcc	acgagctgca	ccggnatat	ggcccaattg	tccgtattgc	cccggacgag	600
gtcgacatat	cttcacttgc	tgaattcagg	gaaattcatt	gcgcgggac	ctcatttctg	660
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<210> 5318

<211> 700

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(700)

<223> n = A,T,C or G

<400> 5318

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agtgacaact	tagcctcgat	tcaacatgaa	taaagccact	ggggaatcaa	ctctaacgcc	180
ttcgactgcc	ttggatctga	gcggacgaag	actgtgcgca	tgtgatgctc	aaagattggt	240
actctaaaaa	gtggcagaga	accatagaat	agacacatga	tggcatctag	gaggatgtga	300
agccctttga	ctggtgctac	accacagact	atacggacac	cgttcaagat	ggtggccggg	360
cattttgaacc	ngcgaccaca	tctatatcct	taggattggt	agagctgccg	gatcccatac	420
tctctttcga	tgaagtcata	ctgtacgact	atcatctcga	tgataacggc	ttcaatatgc	480
tatctgcga	aaatacgttt	tgccatccat	actactgtta	ttatcaagat	tctttctacg	540
actcgataat	gctctggatc	aggattgaaa	cacgaagggg	tatttctact	ttgaaaacaa	600
agagtgatca	gagagtctct	acccaaagaa	ttaaacttgg	gacagttagc	ataactgtta	660
cccaaccgga	gatgaacgct	ttgtcggttt	gctcgaacct			700

<210> 5319

<211> 1122

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1122)

<223> n = A,T,C or G

<400> 5319

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agaggctcag	cgcctgcacc	tcgtgtgtgc	agagcccgct	caggtgccc	gcgctccgga	180
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gctgcagaa	aagatgcgtc	tgttgacttt	ggcctctctg	gcgcgctcga	cccttcccg	540
ttccttgccc	tatgccacga	ttgccgcgtc	tctgcgtgtg	ccggccgaag	atgtcgagaa	600
gtgggtcatt	gatacaatcc	gtgctggctc	ggttgagggc	aagctgtctc	agctgcgctc	660
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gcaggggtcgc	ttgatgggtct	ggcgccgcag	cctcgagaac	gttctgggcg	tcttccgtac	780
cgagcgggag	cgtttcgttc	gtgaaagcct	tcaggccgcc	gcggcagcag	aggaagccgc	840
ccagggtaag	tcgaacgaca	agggttaaca	gtctggagat	cgtcggcagc	gccatggcaa	900
caaccaacaa	tctcagcagc	aacagcagcc	ccaggagggtg	gctgccgcag	agtaattaac	960
tctaagaagg	aaacaccacg	atactccttg	aaaagggaaa	agaagtatag	aanaagttcg	1020
tcgtgtaatg	gctgggaaga	ggnggtatgt	tgatttcaat	ttctttctat	gggttattct	1080
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<210> 5320

<211> 631

<212> DNA

<213> *Aspergillus oryzae*

<400> 5320

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tgcctgaccc	gatgcctacg	attcctatga	agcagagaag	aagaaatcat	ttgctaagcc	180
gttgccaacc	agaggggaag	gcctgcagct	cggcaagaag	tcaaaaacca	cggatatata	240
cgagaaagtc	cgcggcgatc	tgggcccctga	agttgaggag	tctagccctc	tagtcacccc	300
acaagcttca	actcctgtcg	tcggggagac	atcgtctgct	cgcgcctctc	tctctgctga	360
ccgggatcct	attcatgtta	ctattgcaga	aacaatctct	gccaatctta	ctcgtgaagg	420
tgctctgaaa	tccttcgaag	tcaagggcga	cttacagctc	cgcctctccg	accgcgcatt	480
cactaaagtc	agacttgacc	ttgccaccaa	ccctactcat	ggggctcagt	tccgtacaca	540
tccaaatggt	gataaggctg	ccttcaccga	ctcatctgcc	attcagctaa	aggattcgac	600
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<210> 5321

<211> 505

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(505)

<223> n = A,T,C or G

<400> 5321

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gagtcatccg	acagtcocag	ccagctgcgc	aagaatgtta	ccagcccga	tggaaaccaca	180
tatgcgcgcc	ttcaaacatt	cgagtcacta	ggcttcaagg	agactgttga	caaagctgtg	240
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tcattttacca	ccatcagcgt	atacatagaa	tactaaaagg	tctatgaagl	ctgtactgta	420
cgaaaaatcaa	gccactgggt	gttcccagtt	nnnnnanann	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	ntnnttttct	tgcgg				505

<210> 5322

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 5322

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cgcgccaaqt	tttcaggggc	accctaattc	acagcaaaga	cccccaaacc	ctggaaatcc	120

tgccaaacac	cctcctaata	atctccgcaa	caggccaaat	ccaatccctc	cacccctcca	180
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ccataaccac	cctctccgcc	accgaattcc	tcataccctgg	cttcatagac	acgcacacac	300
acgccccaca	atggtctcaa	cgcgccctcg	gcccgggcat	cgacctcttc	acctggctgg	360
agcaaatac	cttcgcgcac	gaagccaagc	tctccgaccc	catctacgca	aaacaactct	420
accgcgcgcg	tgtccagggg	agcctcaaac	aaggcataac	aacagcctgc	tactacggct	480
cccgccacaa	agacgcctcg	atcatcctgg	ccgaaacatg	tctcgccatt	ggccagcgcg	540
cactaatcgg	gaaatgggat	atgaatcgcc	acgcaccgga	cttgtagctc	gactcttcag	600
tcgacgaatc	cgtctncgat	acggctcgag	tcatecncaa	agtanaggaa	taagatggag	660
acaccggtct	cgtgacaccg	gtcatcacg				689

<210> 5323

<211> 269

<212> DNA

<213> *Aspergillus oryzae*

<400> 5323

caaacctctt	tctaattctc	ttcctgcctt	tcaattcctt	gtggaagtgc	ttcaatttca	50
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gcgatgagat	gaaatacctt	ttctctccga	gaaacccgtt	ctccacctgg	agaaagctct	180
ggctgtggct	tgctgagtc	gagaaagagc	tcggcttgct	tatctccgat	gatgccattg	240
agcagatgaa	ggcccacctt	accattcag				269

<210> 5324

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<400> 5324

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caactggata	ttctacgcca	tattcgctca	cgacatccaa	cattccgcgc	tgctcagctt	180
tgtagtcgcg	ttctcggaga	tctcgcgaa	aggtatatgg	acgatatttc	gagtggagaa	240
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accctattag	ataatatcac	tgtgcaagaa	ctaccctgtt	cggaaaacac	aatcgatttt	660
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<210> 5325

<211> 928

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 5325

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augtgctcac	gggaactgag	cggtgtgttg	acacccctct	ggcgacagcg	tacagcctcg	180
ccatcgccga	aatcgccctg	atctacgtca	tgtctctacc	cttccaaactc	tacaacaccc	240
tcacatgggt	gaccatccca	ggttcaatta	tcggcgcata	catcattctc	ggtctcgcca	300
ctatcgccag	cgaaatcgag	aatcccttcg	gtcaggacgt	caacgatctt	ccctctggata	360
cctactgtcg	gcagattgcc	ttggaactgg	atatcatcac	cgctactccg	ggcccccggtg	420

tcgatgattt	caccgttcgt	gacgacaact	tggttttgta	tccacttagc	atggacggct	480
acaatgactg	gaaggaccga	agcgtcgagg	agatcagagc	tgcacttaga	acgaaggtga	540
tagccaactc	cccttcttct	gccttgggat	cggatgagtc	gaccgttggt	ggaagcatga	600
gcagtaaaca	aacggttttag	atggatgact	acgcgtcaag	agttaaaact	tagacttgaa	660
aaagaaaaag	aaaaacaagg	gaatgaaagg	aatcggtcaa	aagttactat	cagcgccggc	720
attgggtttc	ttttttgagc	atgcgcgttt	cgggtgtttc	gttgcttgag	gacagggagt	780
actccactcg	ttactgccat	ttacattcat	gtcattcggt	gtgaatatgt	tggctggnga	840
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<210> 5326
 <211> 660
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = A,T,C or G

<400> 5326						
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cacttttggc	ttcgtgatca	tgtcgggagc	cattgcagtg	gccgcgggcc	tgcaatcact	180
tgcctataac	tcacccctt	actcggtaaa	tttctatct	attctcccca	tttacgtctt	240
gacagcgctg	tctgagatta	ccgccttctt	cagtagcatg	gaatatgcct	atacaaaggc	300
tccccggtec	atgaagagtc	tggtcgcttc	ggccaatctg	ctcctctgcg	ctctgggctc	360
actgctgggg	ttggcgattt	cacccacctc	caagaaacca	cagatcttag	tgcagtttgc	420
ttgcctcagt	ggcatgatgt	ttctagcggc	tattcttgtc	tacgtgctct	tttccaagta	480
caacaagggtg	gacgagaaaa	tgaatcagat	cgaaagggag	gcggacagcg	accgggagga	540
atagaggcat	acgcacgcta	cagaaatgag	tcttgatatt	agaattagac	cagaccatct	600
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<210> 5327
 <211> 644
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1)...(644)
 <223> n = A,T,C or G

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gcggccacaa	catggaaggc	cgggccattg	tagatggcac	cctcgtaatc	gatcttcggg	240
cgcttacggg	ggtcaggata	gctgaagatc	gccaatcggc	tacagtagaa	ggaggaattc	300
ttcaaggaaa	acttqcccaa	aaattgtggg	ccgaaggact	tgccacgccc	cacggggcca	360
atacccgggg	ttggctacgt	cnggtgggca	atgtatggag	gatatgganc	cttctcgtea	420
cactggggac	tgggggtttg	atcagaatct	tgggtgcaacg	attgtgaatc	atgatgggga	480
agattattga	ggengaccan	aaacttcttg	aaggcattcg	tggggccgga	aggggtggcc	540
ggtgttattg	gtgatectac	tatcaagggt	tatccactca	gaaattttct	ggcttgtqca	600
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<210> 5328
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 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1)...(650)
 <223> n = A,T,C or G

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 ccgttacaat gacttgatcg atttccctata cggaaagaag atgcatactc aagccctaga 180
 gctccctacaa cgattcggcc aagctgaatc cgagaccgaa acggcgccgc agcttcatgg 240
 tcccaagaga acagttgect acctgcaaaa cttggcacca gatcgaattg acctcactct 300
 cgaatttgct gaatggggcg tgcgggaaga ccccaacctt ggtatggaga tattcctagc 360
 agacactgaa aatgcagaga cactaccccg gcaccagggt ctcgaattcc tgcggggcat 420
 cganccgaat ttggctgttc gatattctga acatgtaatc gggagttgaa cgacatgact 480
 ccggatttat accaaaagct cctcactttt tacatggatc ggttgaagaa aaacggatcc 540
 garagctggg cattccctaa cggcgaggaa cgtattctat ggagaaataa atttctggag 600
 atgttgaggg tcaagctctc aatattcgcc agccaagata cttgatagcc 650

<210> 5329
 <211> 1060
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5329
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 atgacacgcc gatttggtcg cgcgggtgta caactcgcaa tatttgcctt ttgtatactg 180
 gttttctgct taactctaga taaccgggtt cgcgtcctac ctgccgctat tcatggccac 240
 ctcccttcgc actattctgg actcgtcgtt acggatgtga ccataaaaac gtgctcgcat 300
 atcaatccct tctccaaatg caaacctacc tcgcaatcat ggacacaagt cgacaaagat 360
 ctttacttgc gcaactgggtg gacgtccacc gctttgttcc aatttgagcg gaaaaaggag 420
 gaggatctac ttctacgga caaagttgtg atcgatctga agattagtcg gcttggtccg 480
 gagaccactg aggatactaa ggatggggag aaagacgaag aaacgtggga gccgagacca 540
 ggtggcattt ggtcgagacg aacagccaag cgcacgcga gtgattcgca gactgcgac 600
 accttagtcg atgtcctttt cggtgccgat gcggtggatc cacggattgg ctgggaggtc 660
 agagatacgc cgtcgtcgtt ggatagtcgg acggaggaac tggaaagctc tctcagtat 720
 cagaggggag atcctcagag aatgaaaaaa ccagttccca ggatcaatga acatggctcg 780
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 tttgtggaga ggctcctgga tgaagagaag cccgatatgg tggctcctac tggatgacca 960
 gtgaatggcg aaacctctaa ggatgtacaa agggcgcttt tcaaggctct caagcctggt 1020
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<210> 5330
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5330
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 cttgaatctc tggaaacagca gttgcgclat agtcaaaaaa aaactctacc gaagaaaaga 180
 acagcctgaa tttccagcat caattgctac ttggccatgt gtcattgctc acggatgtgg 240
 cttttgtcac ggtaacctcag gatgataatt tcggtaaaaaa gcgcagttac atccctaactg 300
 gagaacggga tgagcatatc cgagtctctc gctatctaca ggctcttatt atcgaaaggtt 360
 attgcctggg ccataactgca ttctgcacca agctctgcat tccccaatac gctccaggtt 420
 atctcatctc tggcggaggc gacgattatt tgctggctct gaagtggagc gaaggccgta 480
 tcttacagaa ggttccctta gtgaagcagg aatcagagac cacacaggtt acagttcgtg 540
 gaatttgggc gacatcaatc ggtggatcga atatagtact agttgcgctt gaggggtcct 600

caaattctgca atgtcttcgtg cttgggtcgg atggcacatt aaaaccacaa gacccaatcg	660
agatgtcttg caacgtatta gaa	683

<210> 5331
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

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cttaaaatgg cgtctectcg tgctgectcc cccctgaact ctgggtgccga gtctgggccca	180
gactccaagg cttctggctc tgggtgctggt gccgtggct ctgtctcttc cgtggcccg	240
acctctctc cactctctcc cgggtggctc cgagctgctt tgcgtcgtcg cgcggctgcc	300
gaccacaagg agtctctcg caatgccaga cccagctcga ctgcgctgc cgggtgccggt	360
ggctcttccg gtaccatgt naagctttac actgacgaga gccctggcct gagggtcgac	420
cgggtcgtcg tcttggctct gagcttgggc tctctctttt cgtcgttgg tctgcattgt	480
atcgccaaga tcaactcgaa gtttctctcg tgatcaacga cgttgctgt gctctcgcca	540
tcaactctctt gctgctctcc agcgacatct ggggttgactg aatgagggtc tgagtggaca	600
gggatgtttt gctatgtata gccggtccct gctcctggaa cgaatttggt tattctgtga	660
gagtcgcttt tg	672

<210> 5332
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5332	
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gttgtgtttt gcaatggcaa ccgaggaaga ggctttgtac aagccttatg atcaattcat	120
cttttttggg gattcaatca ccagatgtc cagcgacccc cactatgggt tccggctatt	180
cgcgcactg caggatgctt acagccgtcg cctggacgtg atcaaccgtg ggtttggtgg	240
ctatacctct ggccatgcca tcaaagtctt tcccaagttc tttccacac cggaaaaagc	300
cacagtgcgg ttcattgacta tttcttttgg agccaatgac gcattgtctcc ccggcagtcc	360
tcagcacgtc ccattggacg tgtataaaga gaattctgact cggatcctac aacatcctgc	420
aacagtggcc caaaatccac atatactct gctgactcca cccctgtaa atgaatacca	480
actacagggg ttgcagcaat ccaatggcaa ttgcccatcc cagcccgacc ggcgttttta	540
ctaaggaata tgccgaagca gtcccgcgaa tcggcggtc tctctgtggt ccccgtagtg	600
aagtatggaa aggatattt gtttgcttgt ggcttggaag gagggccaac cactaccggg	660
ccttagaaaa tttgccaaat ttggatct	688

<210> 5333
 <211> 1231
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5333	
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cggagagctg gtattatttg attttcatag cggcccgcat cttacaacta taaagcccg	120
cttcgagctc cacaagacat gtttgaagg ccagattctc cttcaactac cttctttgaa	180
cataatatca tcataaaatg ctttttgaga agcctattgl tgttgtaact ggtgtctcgg	240
ggggccaggg cggctcaagt attgatgcat tgcctgagtc cggacgttat caaattcgtg	300
cgtctcttgg caattctacc ccagcgaaaa ctcagcctct acgtgaccga ggtgttgaga	360
ttgtccattg tgattttaat gatgaagcca gcttgggtga ggcttccaga ggagcacatg	420
ctatcttttg cgtgacogat ttcttcgagc cattcatgaa atacggtcca caggagggcg	480
agaagcgtga gtttagccag gcaaaqaaac tggccaaggc agtctgtgag actagcgggt	540
tatctcacta catctgggtc accttccat cgtctgccc acgtgtccag ggaaaaatcc	600
acacgcgcga ctttgaatca aaggccagt ttgatgagta tctctgaag caattcctg	660
atcttgacgc caagactact tttctctggg ttgattacta cgcgtccaac ttaacgttcc	720
cqcttttccac tccagctctg ctcaaaacca gtggcaaaata cgcctgggtg caaccggttg	780

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gcgtgatgtt	gcaatttttg	gaagccgttg	gagaggcctc	gtggaggaaa	ccgggcgtca	1080
tgcttctgcg	caaggacgat	ttgggcattg	atactgcaca	tctcactggg	ctggacactg	1140
cttttgcgca	aattgattgg	aaccaggttt	agatatgcat	cgaagttcga	actgcctggc	1200
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<210> 5334

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5334

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gacaatgggg	tagtccccta	tatcattgat	tcgtccaaac	cgtgcgcgaa	cgatccctcga	180
gacacatcta	atccgaaaaa	caccgctgct	gatggcaacc	ctacaccaac	cctatttagca	240
gcttgtgggtg	ctgcacggat	gtcactcgc	tcgggttagcg	tattaagaac	cagcctgatt	300
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attgcggaac	cgtcagttat	atgtaatctt	gcgctggact	ttagtccaat	gaaagaggca	420
attatatccg	cgaggtccct	tccaacatta	tgtgagcatg	cacattctac	gaacacaagg	480
ctccgaattg	aatcgctttg	ggcggttgaag	catgtagcct	ataactcgac	caacgatgtc	540
aagatgaagg	tcattaacgg	cttgggacct	acgtggatcc	agcaaatcat	aacgcaagac	600
ccaatttagtg	ctctagctaa	acgaaggctg	gatgatgaga	tggaaagcgg	cac	653

<210> 5335

<211> 606

<212> DNA

<213> *Aspergillus oryzae*

<400> 5335

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tgaccttcac	cactaccatt	gtcccgttta	cacaagacca	gatccctccc	aagatccaag	180
cctcagcaca	agcagcagca	aagcagtgct	ctggtggcga	ctccaagacc	gactgtggac	240
gaagctggta	caagcaggac	aagtgggatg	gttcaaaaatc	gctggagtcg	gacatgagtg	300
cgttgagtgt	cttgtcgtcc	accatgatcg	ctcacaagaa	agagcaccaa	gcacccttta	360
cggcgagagac	cggtggcacc	aacaagagta	atcccagcgc	aagctcgggt	cacaaagatt	420
cacagaccgg	taccgcccac	cccgatcacc	actggtgatc	gggccccggc	cttgattgtg	480
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tcaagggact	ttgtcctttt	gccattggaa	ttcccgcctg	tacagaacct	tggatagctt	600
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<210> 5336

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5336

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ctactcact	ggaccgtgcc	atcctgcttc	catccgaggc	tttgaaccac	catgaaattg	180
cggatgcaga	gcgtcgaaatg	cgcgcgcgtg	cctccagtct	cagccagatg	tctgtggatc	240

accgggtgtc	ccaggttcag	gagaacggca	cgtctaccgg	gcttgatccc	cgagataaaa	300
acacatccgc	gtgggttcagt	gggagccctt	ttatgcgtcg	ccaatctacc	atgcgatcac	360
aaagatctca	gcggtagtgc	tttggctatg	aaattagatt	gatttccctag	aagctctctt	420
gctttatcgt	gaccctcact	ccaatgggtct	taatcttata	tgattgggtg	taacatttgc	480
tttcgggtgct	gtagaccttc	tgttactggg	ttacatctgt	ctttgagcgt	cngtctttt	540
agtgtatcat	tgctcgaacg	tctacaatgc	tttctnccct	aagggtgaat	agtgtggctt	600
tgtgcggcaa	tttaaggggc	taggtttctc	ttcttgata	tatcccaatt	aaaagcccc	660
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<210> 5337
 <211> 783
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

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agtctgtgat	gg	ag	cg	ag	at	240
gtgacaaccc	gg	ct	tc	cg	ac	300
tcgcactgg	tgt	ct	tc	cg	ac	360
ttttcccaaa	cgt	ct	tc	gg	ag	420
tcaagttcaa	gt	gga	ac	cc	cc	480
tccaataaac	gac	gat	cat	g		540
cgtttggttg	att	ct	ct	tt	ga	600
gctacccaaa	ag	cg	tc	ct	tt	660
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ggc						783

<210> 5338
 <211> 622
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5338						
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tcacgacgat	cc	aa	at	cc	cg	180
tcattatata	gt	tc	ct	ct	tc	240
tcacgctcgc	gg	tc	gc	gg	tc	300
ttccacccgc	cat	cg	cg	tg	a	360
ggaatgcggc	cg	gc	cc	ca	cg	420
ccgcgcgggg	gg	tg	at	ga	cc	480
gaaatgaggc	tg	tc	ct	ct	ga	540
ggctccctca	tg	tc	gc	g	aa	600
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<210> 5339
 <211> 631
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5339						
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tgaattgtta	ccttgtgtat	catttacgga	cgctttcacc	gcagtgaac	agggtgaagc	120
agattatgct	atcattcctt	gcgaaaactc	aactaacggc	ccagtcgttc	aaactctcga	180
cctcctggca	gaccccaacg	gtttttacga	ggacgtcgag	gtatgcggcg	tgcattattt	240
gacagtgcac	cattgacctc	tggcccgaag	agggtgtatt	tccagtcaac	aggattatgg	300
ttctgtggct	aagctttata	cgcaccgcga	agcctggggc	caatgtgaaa	gatttcttgg	360
gaaatacttt	agaagcattg	aaaggcagga	tgtctcatca	acttccaagg	ctggggagat	420
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cttgggtgctg	aggaacaaaa	actcggggcg	cacagcgccg	cgccctttcg	gagacttgga	600
taaccgccgc	gtgcaaggag	catctgcggc	a			631

<210> 5340

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 5340

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acgactgcag	atcgcatcct	agtcttgcac	gagggcaagg	tgcgggagag	tggcactcac	180
gatcaactgc	tagctatgaa	aggccgctac	gcaagtatgt	ggcggaaagca	aatacgagcg	240
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aacactcagc	cctctgcggc	ccgacagaca	cagggccatc	actggcccg	gcacgatcaa	420
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gtcacatata	aagagcttat	acttagagtg	tccgagggat	gatataccag	tctagggttg	540
tttttgacct	ttttttctct	tncttttctt	ttttctctct	tttctctctt	tttttttttt	600
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<210> 5341

<211> 724

<212> DNA

<213> *Aspergillus oryzae*

<400> 5341

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cnaaatftac	ccgcgtggcg	ttctggggagc	tattgaggtc	gctgcaggaa	tcatgcacgt	180
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ggccgaagaa	gtcaaaaacg	ccaaagtggc	cgtgcaccgg	gccatgatct	ctcgcaccat	420
gatcaacgga	acccttgcct	tcgcctacct	catcgcagac	ctgtactgca	tgggcgacta	480
caccgaggcc	gtgtgtgagc	ccacggggcta	ccgcctcctc	acaatcgctt	accaagccac	540
gggctccaaa	gcagcaacct	acgtgtgtgat	ggcgatgggc	atgctccccq	gctggatcgc	600
cctcttttaac	ggctctgcct	ccgtaacccg	cctcacctgg	gcatttcgac	gggataacgg	660
cctcccccttt	ctcgacttct	tgcgccgcgt	cgaccccaacc	ctataaatcc	ccttcgcgcg	720
tctt						724

<210> 5342

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

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tcgcgcacac ccgaaacgat atcgtgaaga tgggaaggcat ctatgccacc ggcgggaata      180
accatactaa cattgaggat gtgcgtgcgc ccctatggta ctagggggta agtgggacat      240
gccctgatgc cgcggaaggt tgggtcaaaa ctacgggaat gagcgacgag tttgtgagtt      300
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ttaaggaaag aggaggagga tgggtgcctt atgcatctaa cgtatgtaag cgaggtgtgt      420
aagggtagtgt ttatgagtga aaggtaggag tggacggatt agtaggtagc ttaggccatg      480
attagtgtat cgatgttggg tatgggttag atgtgcgtat gacgtaaggt aatggtgata      540
taatatattga taagttaagg tatagggttg gtaaatatac tatagtcggt cggtgattgg      600
aaggtaataa tatgaatata cgctaaggat aggatataag tccatgtgtc atgaggaata      660
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<210> 5343
 <211> 575
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

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cgactgtcga agcgggctag tggacaataa ataactgacg tggttttttt ctctgcaaac      180
agtcaaggac aaggcccagc acgcggttgt cctcgagaag accgtcgtct agcgtctcaa      240
caaggacgtc cagtctacc gtctcattac cgtcgccacc cttgtcgacc gtcttaagat      300
caacggctcc ctgcgccgta aggcctcttg ggacctcgag gagaagggcc agatcaagaa      360
ggttgctggc cactccaagt tgaacatcta cacccggtcc gttaccgctg agtaaacggt      420
tctcacttag tcttttctcg cggacccctc atattttacg aatgatattc ctcaaaattc      480
ggaagcttgg ctgggcaaat gatgtatagt ggttcaatga atcattcaat ttcggagtga      540
annnnnnnnn nnnnnnnnnn annnnnnnnt ttcct
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<210> 5344
 <211> 640
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5344
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actccatgtt gcacctgacc attgatcgat caaatgcgga tattgtccag caattgcaac      180
tttcaaaagg gtcttaaggc ccttttaagc acctaatcc atccctccaa tggcattatc      240
gcattctaca agccttggcg ttggatgagg acctcccgga gaagccagaa gacaaaangt      300
tggccagata tggcgagatc gataaacgca ctggcgacta tgtattgtct tgggcccagc      360
agtttggaaaa gcaatatcgcy aaaatatcgg cacatggccc gaagagcaca ctcgtcaaac      420
gaagcgccaa agaccgaaca tctgaagtgc aggatgcagc ccagaagcca tacaagaaag      480
tgaaggttga gacagacgag caaggcgttg aagatgtagt gcgagcccat taccagaagg      540
gatcgtctat gaagcttaag gtacctgtcc tcaaaagact tctgaatgcn catggagcgt      600
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<210> 5345
 <211> 979

<212> DNA

<213> *Aspergillus oryzae*

<400> 5345

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ctccggcgac	tttgtctcctt	tgttccattt	acttgatgac	tatgatgtcc	atcaagcata	180
ccgccc	ccaaggacta	caactgttcg	ctccttcaca	cctcgatttg	atgtctatga	240
actaaacaac	aattaccatc	ttaatggaga	actacctggc	gttaaccaag	ccagtctcga	300
tattgagttc	accgatcctc	atacgttggt	cataaagggc	cgcgtggagc	gcaagtacag	360
cgacagcaca	tccagtacca	acgagcatgc	tgaagttccc	aatgatgctt	cttctgtcaa	420
gtcactccaa	ccaacagtcg	aagatgaaga	tgaagaggca	aatgatgcag	catctgttgg	480
ttcatcagcc	caatcttcaa	agcaggtggc	cctccaagag	cagaccaacc	acaaatattg	540
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ccaagataca	gtcaaggcta	ctctgaaaga	tgggattctt	tcgggtcattg	tcccaaagga	660
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agtaacgatg	atgggggtcg	tccgatttga	caacggagctc	tctaataata	ctccattata	780
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atgctacggt	tggtttgagc	attaacgggt	ttgcgggtca	tttgggtttg	tatttgggat	900
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<210> 5346

<211> 1056

<212> DNA

<213> *Aspergillus oryzae*

<400> 5346

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atcaacaaac	tcacccccgt	tctcaccaaa	cgccaacaaa	tcacccacga	gctcaatcaa	180
ctacaaaccc	tccgcgactc	gaatctctat	tccgcacagc	aagccctcct	caactccacc	240
accgtgtcag	acgatcaatt	agccccccag	gaactcgacg	atgtccgata	cagtatcaat	300
aacacactcc	aacaagtcog	cactctggta	gatgagctta	gatatacttg	ggatccgagt	360
gatccgcgcg	tgcgggcaca	ggtcgatgct	acgaagaacc	aggtgcaaca	ggcgatccag	420
gattattatc	ggtcgcagac	ggagtttgac	cgtgcgctcc	gcgaccaggt	gtggcggcga	480
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gaccactggt	gagcaggtcg	atgatccagg	aatgaccgag	agcgtgataa	aaacgccttg	960
gctatgaaaa	gatatgtgtc	tatgctttac	ttaatttacg	actattggct	cctacatggg	1020
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<210> 5347

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5347

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ttccggggcag	acttccctcg	gtttttctcg	caaccccttg	aaacctgccc	cttctgtcgtt	180
gaatataccg	gaactcctgt	ccgatgtctg	ggactctgta	cttcagagccg	taccgaaaaa	240
gaaaacatcc	cacatgaaga	aacgtcatag	acagatggct	ggcaaggctt	tgaaggatgt	300
caaaagcctc	aacacctgcc	ctggatgcgg	tcaaataaag	cgtgcgcgatg	ttttgtgccc	360
acactgtggt	gagaacatca	aaaagcaatg	gaagcaaacc	caaaccgctt	aagaatgagg	420

actggacagt	atcagtgaag	gcgaggaaa	cgatggctta	ggtgtgcttt	tgaggcttgt	480
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<210> 5348

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5348

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atacagacca	gacacagcca	ccttaacaac	cgtattccgg	cactgcatca	cgacgccctt	180
gcagcgatta	gtcgcggccg	taccagcat	cacgategtg	atggttccct	ccgtccgcga	240
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<210> 5349

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5349

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aaaatgaatt	actcgagagc	tgccgcaagc	agattgatgt	cttcaagaag	atcgggtggac	180
gtgtgcacag	atgggaagat	ctatcaacgc	ggctttcgac	ctctgaattc	agtcctgac	240
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gctgggttgt	gcctctacgc	taccagccat	nctctgcttg	aaattgctcg	tgtgtggtag	660
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<210> 5350

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5350

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atctctctcc	gagadaagcc	caagcaccga	gggaaggnat	tagaagaagt	catgaatggt	180
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aaagatttca	tgaggctggg	tatctctcatg	ggcacacaaa	aaagtcaact	tgcttatcgg	360
ctaqcattga	acaatacctt	ttcagaaaag	atcccattcc	tacccttga	ccgacaagat	420

ttggtctccg	gtgaaaaggg	gaacaaaaca	ttttgaggaa	acccgaagtc	taggatcaac	480
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cttatccct	ttgcataagt	tgaggaaaca	cccagcctgg	gccttaattc	aaatttcggg	600
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<210> 5351
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (659)
 <223> n = A,T,C or G

<400> 5351						
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ccccagacca	cgaacgaggg	atccccacag	ccaatcgagc	ccccacctga	tgggggactc	180
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gncagctttg	gggtgttcca	agcgtattac	cagagcagtc	taggtgtatc	ctcatcggca	300
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cgcgcactag	acgcgcgggt	cttcgcgcgc	gtctactata	caggggtcct	cctgcagcta	420
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tacttcgcca	agcgcaaggt	ctttcgcttg	ggaattggtc	tcgtcggaaa	gtggaccggg	600
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<210> 5352
 <211> 632
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5352						
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caacaaaatc	ctttccttcg	cgatcccgtc	ttattatcgc	agatgatgca	ggcaatgggc	300
gcaccaccag	gagaagctgg	cgcagggtgga	cttggcgcca	atcccttggc	ggcgtcctt	360
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tcttgagttc	tcacaccgat	ctgtaatggc	gtgttgggcca	aacggccttt	cttcgtggag	600
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<210> 5353
 <211> 1242
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
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 <222> (1) ... (1242)
 <223> n = A,T,C or G

<400> 5353						
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cgctcatctac	ttcaaatagc	tctgctggag	atccattcaa	agtctaccct	atcactggcg	180
gaaaatataa	ccgccaagt	gattcettac	ggaccgcgtc	tgactttttt	gctcgggcct	240
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gtatgggtgc	gtcgttatcg	agaccgaagg	ttggattgat	ggaatcaata	accccgagtg	1200
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<210> 5354

<211> 839

<212> DNA

<213> *Aspergillus oryzae*

<400> 5354

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gcagtgagca	gaagattgaa	cggggagcgt	tgggatctgt	tgataaatga	agagttttac	780
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<210> 5355

<211> 1914

<212> DNA

<213> *Aspergillus oryzae*

<400> 5355

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cttgagtggg	gcgggttaca	cagccggcca	gcaattgacg	gagggtcattg	gctgcacgac	1440
cgtgacgggt	gggttcggatg	gaaatgtgcc	tgttcctatg	gcagggtgggc	tacctagggg	1500
attgtatccg	actgagaagt	tggcaggtag	caagatctgt	agtagctcgt	gaaggggtgga	1560
gagtatatga	tggtactgct	attcaatctg	gcattggaca	gtgagtttga	gtttgatgta	1620
cagttggagt	cgttactgct	gtcatccctc	tatactcttc	gattgttttt	cgaaccctaa	1680
tgcgaagcac	gctagtctat	tataggaaaag	gatccggatt	aatgtgtttt	cataacgcgg	1740
tactgtatgg	tacttctgta	ttatatcacc	gaagctcatg	tatcttacct	gtatatatta	1800
tacagacaca	accttggtta	ccccaccatg	atgtttcctg	cagataatct	cctgacgata	1860
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<210> 5356

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5356

gattcgtgct	aaggcccaacg	gtgctgctgg	taactgggaa	gaagcagtg	gcgattacaa	60
ggccgtggcg	gagtccaacc	ccaccgaaaa	gggtatccag	gaagagattc	gcaaggctga	120
atcttgagctc	aagaaggccc	agcggaaggga	ctactacaag	atcttggggtg	tgtctaagga	180
tgtctccagag	catgagatca	agaaggccta	ccgcaagctg	gccatccagt	accacccgga	240
taagaaccgt	gatgatcttc	aaggtagatga	gaagttcaag	gagatcggag	aggcttatga	300
gacctgatgc	gatactcaga	aacgtgcttc	ttatgacaat	ggtgatgacc	tcattgacct	360
atccgacatg	ttcgggtggcc	atggtggctt	cagcggtctc	tgcggcatgg	gatgcattggg	420
aggcatgggt	ggaaagggcc	gtatgggtgg	tatgggtggc	atgggcggga	cccatatcaa	480
catcgacccc	aacaacctct	ttaacatgat	taaaacgcgc	agtggcggtg	gaatcgccca	540
ggcccgcgga	aacccccctt	gccggcgcca	gtcccgcctg	ctgaatccct	ggcggattcg	600
ccttctaate	caaggacggt	acgtattcaa	cgccaaat			638

<210> 5357

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 5357

tgtcgataca	gagggtatca	ttctcgttgg	cgagattggg	ggaacggcgg	agatagacgc	60
agcagaatgg	atcaaggatt	acaacagaag	aaccgcgaat	cctaagccaa	tcattgggct	120
agtgggtggg	ttgcacgctc	ctgccggacg	aatcatgggc	catgcaggcg	catggactgc	180
tgttgagaaa	ccgggtgcac	acgcaaagta	tcaagctctc	gagcgcgcgc	gggcagtcct	240
ggttaaccac	ccagagaaat	tcggagaagg	aatgaagacc	ctactgaata	gtcgaccacg	300
gttgacagac	acacgtctca	ccaacacccc	qaaccaqaaa	aggggcctac	acacaatgag	360
agtggttaact	ctacaaaaga	accaacgccc	acctgtatcg	aagcagagcc	gggtccctctt	420
catcaaggca	ttccaggccc	tggacatggt	gaaggaaaag	tcatttccaa	tcaacgaaac	480
agaaccccca	gaatccgaca	ttttcctaaa	tctcacagtc	gatagaacag	cattatcacc	540
ctgcgttata	gcttcaacat	ctgctgattt	cgcacgcctg	cacaactagca	aattttcttt	600
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<210> 5358

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 5358
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 ctacgaagac accctgaaat ccgccagaga caaggctcgc cccgagctca ttaaggctct 180
 cacatacaag tccgcagccg ctgtggaatg gctgatggat gttttcaacc tcgatctcac 240
 ccttggtttct cgtctcgggt aagtgatgta atccggtgaa tatgacaact cgatcttcta 300
 acgggtgtcgc agtggctcact cccagccccg cacacaccgt ggtcacgatg ccaaattccc 360
 tggcatggcc atcacctacg ccttcattgca acgggttagaa gagcttaccg agaaggagcc 420
 cyagcgtgta cagatcgta agaaggctcg tgtaacctct gtcaacaaga ctggcaacac 480
 cgttaactggt gttacctatg agtacgatgg cgagacacac accgcccagc gtattgtcat 540
 cttggccact ggtgggtatg ccgcaaaactt ccggcagcggc tcccttcttg agcaagcacc 600
 gcccgacacc ttccggcctgt ccagcacgaa cggcacacac gccacttntg atgggtcaaaa 660
 gatgttgatg gagaatggtg ccaa 684

<210> 5359
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 5359
 tngagaatga tcagggctat ctacagcaat ggtcgatagc taccacagcc tccgtcacgg 60
 ggctggcggt cgtgacgggt tgccctccgac tgcttgacg ttatgaaagg aagcaaaagc 120
 tatgggtggga cgactacatg atcatatctt ccatgttatg gaacctagtc gttgtcggat 180
 ttattttacgc catgataaaa gaaggaatgg gtcttcatgc cgacactatc ccaacgagta 240
 acgtcgctcat gatcgcggaag ttccctagtcg tggccgagat tctttacgta ttcaacctcg 300
 tctggaccaa gotcagcatt ttaactcatgt actaccgcat cttccgggtt ccttacttca 360
 agacatgggg atacatcacc ggcaccttcg tcattctctg ggtcatctgc atcacattcc 420
 ttttctctct catctcgcta ccggctcgaga aactatggta tccncaaacc cccggccgat 480
 gcatacaacca agtcgggaca tggatcggca acgcccgtct cacaatcgc accgacatcg 540
 gtatccctac ttctctaatc ccccaagtct tgaggcttca acttcggctt tncgagaaaa 600
 tagcggngtc aataagcttc aagcttggct tcttcggngg ctccgcttcc gctacgggtt 660
 ntaagncttt ttaactaac 679

<210> 5360
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5360
 ggpggtatgc cagtcttttag aaatcgacca ccgggaaaca ggtctcctaaa taaagngng 60
 tacttgcgat ggccacaaaa gcaaaacttt ttgatatcgt caagcttttg gtagatgcag 120
 gaggttgatat caactaccag gatgagcaag gcgaaaccgc gttacatgtt gcagcccgat 180
 ttggacatca tatgtgtgac aagatcttct tagaggcgag cgatgaccag aaggcgata 240
 ctgaatttggc tagcataacg tactcttggg cccactctt cattcgaggt gttgatggat 300
 ctttgagcgt tataaacctg ctgattgaag ctggtgacaa ccttgaaaaa gctgactct 360
 ccgggtggac tgogaaggag catgcggcgt tgagaggcca ccttgacatc gctcgacgtc 420
 ttgctgagct tacgctgag cctgaagtca cgggaagctga gctgtgtgata ccgattctg 480
 gtagcttctc gtctctctca gccccattct ctttgatcga gogaagatct aataccaaca 540
 cgccttctcg gagttctatc acgcgggatg gtgaacctgt gtaatctttt gacacaagta 600

tcttaccgac	gaaggcatga	accttgtgag	cctgggtaca	ttgatatgca	caagccctgt	660
tgaacaatt	tacccttgat	tgt				683

<210> 5361

<211> 984

<212> DNA

<213> *Aspergillus oryzae*

<400> 5361

aggaattttt	ttttttttt	ttttaacagt	caagttattc	attctgtatt	tgcgtggagc	60
ctcaggctca	tgcacatatg	tactcgataa	aatataaatc	ataaaaagcat	actccggcag	120
tccccaaggc	caatggccat	ctgcgcateg	gctaattgtc	caaaaatcgt	atcaatccaa	180
ttgattgac	ttcatcttta	tgtattcgaa	gatactgagc	aagatcatat	tgttttacccc	240
agtacggatg	aaaataatcg	aaagtccttt	atacatactg	gacttggcaa	ccgcagccga	300
cgccctccag	acttcgctgg	attttccgag	caacacgctc	tggacaaggg	tctttcgagt	360
atcaagtggg	taggtacaaa	accacgggac	agtgtcgcaa	atcgccccgg	aaatcatggg	420
gagcccaaac	ggggatttgt	ctggggccaa	ctcttttcgat	gggaatttgt	ttaccgcttc	480
gtagacacta	aagtataagc	cagacccctaa	agtatcacgc	agagcgtgca	gatgaaagcc	540
ggtgtacagg	ccacggatcc	cgtaacgttg	gacgatctgc	cgaatggcct	cgatggtgcc	600
gagacggggc	ttgttacgca	atgaggggtc	attgaccgcg	tctggcgagg	cctgggcacg	660
gtttgacacc	aagaccgagg	tctgaacgac	attcttagca	agctcaaagg	ggcctttact	720
caagtcagtg	gctgaagctc	aggtaaacag	atgcaattat	tcagtcgtac	atgcaagcgg	780
ggaagtgatg	agcccagcaa	ttagtccagc	agtgggtgaac	gtcacaaaagg	tagagacggt	840
aggcgtgctg	cccggttgat	tgtacataac	cagaggagac	tcgccagtca	ttctctcgaa	900
gaaatctgag	atacgatgtt	tggcagcggt	atatgtagag	aagtttacaa	cccgaacagc	960
tgtaacactc	gctaaagggtg	gcag				984

<210> 5362

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 5362

agcaaaaatt	attcttttgc	tcacattctc	ttatatagtc	aagatatata	cgccctgtttc	60
ggctgcatac	ctatgtgata	gcattctgtt	tacccccccta	tatctgggtcc	ttgcgcatac	120
cgccccaaat	tcttgaatac	tatgcttcca	cgatggggtt	gagcggggcgt	cacacggatg	180
tccgccgaaa	gatggtgctg	ctaggcgaca	gggcttgctg	tatgaatttc	gacttgaacg	240
agttgacaac	agggtctctc	cccacactat	atgagcccac	tgtttttgaa	aactatgtcc	300
accattatct	ttaccacaac	tgtacacaag	ggatttatgc	tctgggatat	cgctggggccc	360
gacgtatttg	accgatttgc	cgcgcctatg	taccacgcac	ccctgtgaat	atgctttgat	420
ttaaggggga	aagcccagat	tttttcaaaa	ccttcccac	caatgggcct	accaaattcc	480
gaaaaccttc	ctcggggggag	aaaagggccc	cccacccttc	aaaggggctt	aaaaaaagaa	540
aaattttaata	ccctttcccc	atgttttcaa	tacaaaacaag	ggtttaccaa	aggcaaagga	600
aatcgggggt	ttaaaaaccc	ctgaaaacctc	tgccgaaaaaa	aa		642

<210> 5363

<211> 777

<212> DNA

<213> *Aspergillus oryzae*

<400> 5363

gattcgactt	actagaaatg	gtgaccggat	atcacttgta	tacgcaaata	cgaatttttaa	60
catgatagtg	ccattaaacc	ctctcccttg	actcacatac	ccaaaaacga	ggcataagcg	120
gagaaacacg	atggcgttca	tcaagatcga	aatcatttca	gacgcaatct	gtccctgggtg	180
ctacatagga	tatcgaaaac	ttcaaaaaggc	aatctcctta	taccgcaaga	cctaccccgg	240
cggctcgaaa	aacactatag	aagtgtgggtg	gaaaccatag	ttcatcgacc	aagaacggcc	300
aaaggaaaag	atcttaatac	aagaccgtat	gctccgcgcg	atggatccca	aaatgggtagc	360
agcggcccag	acccgcttga	agcgtgtagg	tgccgatgcc	gggatccgat	tcaagcttgg	420
tgggtatata	gggtcgctca	gactagcaca	tcagctgctg	tatctggccg	cgcggggagg	480
gagtgagctg	cagtgctggg	tttcagagtt	gctcttccac	taccagtttg	aggaggagac	540

cgatattagt	caattagata	ccgtgattgc	tgttggggta	caggctggac	ttcgtgaaga	600
tgatgtccga	gagtggctag	ctagtagtgc	tggagtggcg	gaaatggaag	ctgaagcgaa	660
gaaggcaagg	gctgatggag	ttactggtgt	gccccatttt	tgtatcgggg	gaaagcatca	720
tatggagggt	gctatggata	tgccgaact	gtttgaaccc	tttgtgctgt	tagaaaa	777

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<220>
<221> misc_feature
<222> (1) ... (640)
<223> n = A,T,C or G
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<210> 5365
<211> 661
<212> DNA
<213> Aspergillus oryzae
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<210> 5366
<211> 681
<212> DNA
<213> Aspergillus oryzae
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tcttatgaat	ctactcttca	ctcattagcg	gctaattccaa	cacaacgttc	tgtacggttt	480
caaccagcaa	agtcattcct	acgggcgttc	gttcattctc	tcgcaactga	ctggggcttt	540
gcgagcgaga	gctttgaccc	cgaacccacc	cgcattgtgt	tgttttgaga	actacagtgt	600
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aacctatgcg	gtaaactacc	t				681

<210> 5367
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5367	
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cttcggaacg	gtttataactt
caacctcaac	tccctctcaa
cagtcccgaa	tacctctcca
cggaaccttt	ctcttcgaat
caaggaccag	ctccttggtg
cttcgccgag	ggggatgcta
gaggaagtat	acggcggagg
ggctgttgag	gcgcatctga
agtgaagttg	gcgcatctga
tggatgcgga	gtttatggcc
gaagatga	

<210> 5368
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5368	
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cgcaacgttg	cgcgcgcatt
ggtgctgatg	tcaactcgaa
ccagaggetg	acttctcttt
aagcacgtct	ctaccgggta
cacctgcagc	ttcttcgtga
tacgtttttg	ccaagtccca
gaggaaggca	aaaagaagaa
ttcttcagaga	agcctactgt
gtcaaaagatg	cctctccccc
tccttcatgc	agaacccaaa

<210> 5369
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 5369

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atccaacttt	aagcttttctt	gcagaactcg	gttacacaac	gatcgccctt	tcgcaaaccc	180
tcaacggaaa	gcttctctcca	aatcctactc	ccccacctgt	tcccaccaat	gttcccaagg	240
gcctgacaat	actcaccgcg	gtgaacctac	cactctccga	ccccacgcag	aatcagcgac	300
ttaccaccct	cacccaagcg	tatgatctag	tagcaatccg	cccagcgaat	gaaaaggccc	360
tggtgaatgc	atgcaccaat	ctggaatgcg	acgtgatttc	cttagatctc	tccgtgcgac	420
agccgtacca	cttcaagttt	aaaatgctct	cgcgcgctat	cgcacgagga	attcgctntg	480
aaatatgcta	cggccccggga	gtcacgggga	gcggcgccga	cgcctggggg	cacctcatcg	540
gcatagcagt	gttgccggatt	cgcgcaagac	gcgcgagagg	aaacatcatc	ccgagtgtac	600
ggcaagaaaa	gctctggggt	gttccggcca	cngtggggat	gtgatttaag	cttgcgag	658

<210> 5370

<211> 782

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5370

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cctcttggtc	cgcccaccta	ctgatttctt	cgccctccac	cctcgaggaa	gtccacaaaag	180
cctttgcgac	agtcggcgcc	gatatcatcc	taactgctac	atatcaaacg	agctttgagg	240
gatttacgct	cacggaccct	cgttacacgg	ccgacgatgc	agcgcacttt	atgcgctccg	300
cgattccgct	tgcgcgacgc	gcgggatcgt	cctcagggag	gacggtaaaag	gttgccactat	360
cgcctgggtcc	ctacggtgca	acgatgtccc	ctgtcggggc	ggagtatacg	ggcctatatc	420
cggaagagat	gaattcagaa	gcgaagctgc	gcgagtggca	tgcgcgacgg	ctgtgcgtgt	480
tcgtggacga	gacggggctg	tgggacaact	ttgaatacat	tgcgtttgag	acggtcagga	540
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gggtcaaggg	cccgattncg	agagaaccaa	ttggcatggg	gaagagccat	ggtaggatctg	660
gtgggtcttt	ccgatgaaga	ggtgatgagg	agattgacgg	cgtggtacct	tgcactgttg	720
cacacaggag	ggagaacggg	cgtaatcttc	cggcgtggg	gatcggggga	ttgccccgat	780
gg						782

<210> 5371

<211> 868

<212> DNA

<213> *Aspergillus oryzae*

<400> 5371

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cagcgcatct	acattctacc	caaagaat	ctatgggtgat	atgcccacag	ccatcggtgg	180
caggagcgca	atcaatgtag	cgaagacctt	agtaacattg	aagggtgaac	aagggtgcacg	240
gcatttcaac	tgtttttctc	ttcattagat	agtagaacca	gggagctccg	accaagcctc	300
ctctggaagt	tgatttagat	atgtaggctg	tctggccggg	gacaagtgc	gttctcgact	360
tatgatcaca	gcattccgaca	gacgcaggga	cttcagtcct	cccgtatatc	aaacagggtca	420
gatcgattca	tcccagtgcc	ggcccacaca	agcatccatg	ccaargccaa	atcccattcg	480
acagtcgaat	tatgcttcgg	caaccgtcct	ccgagccac	ctctccctac	ttcaaatcat	540
tgaagggtatt	tacagagcct	tcttcttctc	gccttgggag	acatcaacga	ccttgagggc	600
tgggggcaag	ctctgcttga	gcttgctggc	cttgctggag	tccttcaggg	caagggtgta	660
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gcgggcagag	gaggcatcct	tgcggcggca	gatctcaatg	aactgcttga	tgtcggagat	780
ttcacgaggg	atggtggggg	gtgattgggg	acgtaagtcg	ggatgggtcg	gcaaaaagtc	840
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<210> 5372
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5372						
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agggaaatgt	tgggtggctg	acatttgcca	tgccaccgag	caggatgtcg	acattgtatc	180
tcaggcactg	tctatccacc	ctctgacggc	ggaagatata	accatgcgtg	agccaagaga	240
gaaggtcgag	gtcttttcgaa	actactatct	aatctcggtt	cagactttgg	tgacctttgc	300
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ttctcttgcc	gggtgtttaca	tcctcgctct	caagaatggg	gcagtgaact	tctctcttag	420
tggaaatgga	cacatacgtc	gagtcagaga	togaatccgc	cgtctccctg	atccatccat	480
cttgtcaagt	gattgggtct	gttatgccct	gatagacgat	atcatcgaca	gctttgaacc	540
gtacatgccg	gccgggggaa	gtgagttctg	atccatcgaa	gatcaagtct	tcctcgctcg	600
tgtagacgac	gtcaaatacc	tcatacctcg	tgcgccgaaa	tctcggaaaa	agatcaccta	660
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<210> 5373
 <211> 637
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(637)
 <223> n = A,T,C or G

<400> 5373						
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ttatcatcat	cacaacaata	acagttacta	caataacaaa	aacagcaaaa	caacaagctt	180
cttccaaatc	tttcaatcca	atctacaata	gaatcactat	ttctattact	tcaaccatca	240
ccatgagtgc	ccaagtcaac	aacaaccaat	acgacttcat	cgtcgttgga	gggtggcaccg	300
ctggcaatgc	tattgctggg	cgcctttccg	agaacccccg	cgttcgtggt	ctcgtcgtcg	360
aagctggtat	cgccaaacct	ggccagatcg	atgacatcac	cactccttcc	aaggctttcg	420
gactccgtgg	aagccagtat	gattgggcct	acaagactac	catgatcaag	cgtgacgact	480
acqagcgtat	tgaaaagcct	aacactcgtg	gtaaaagctct	tgggtggtagc	tcttgtgcca	540
actactttac	ctggatcccc	ggatctaagg	ccacttttga	tgactggtac	gagttcngtg	600
gcagtgaactg	gaactgggac	aactgtgtgg	agtacct			637

<210> 5374
 <211> 1993
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1993)
 <223> n = A,T,C or G

<400> 5374						
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ggtttacctg	gtcttttcatt	attattatag	catacatgtc	cacaacaatc	tttgacatcc	1860
tatctagaga	tacatgtgct	tgtttttaac	agactgccaa	atcaattatg	cgactgttct	1920
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<210> 5375

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5375

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gcattctacgt	cctcctcggc	cgtttcatcg	caatacttgg	ccggcgactc	ctccatcctc	600
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<210> 5375

<211> 640

<212> DNA

<213> *Aspergillus oryzae*

<400> 5375

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atccgaaccc	atcgaccccc	caccagccta	cgatgcaaca	gacaacaagc	caccagcagc	180
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gcgagtcac	ctcgccctccc	aatccccacg	cgcagacaa	atcatgtccc	acctcggcct	300
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gaagtcgtta	cgggataacc	gtgaccataa	ggtgtttacg	gccatggcgg	ctatggcgcc	600
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<210> 5377

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 5377

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gggacgctct	atctggaact	agactgtgaa	acgaagggtga	ccttaatcca	tcccgacga	120
tcttctcttt	cttctttcca	ttcagcttca	tccaggggag	agttatcaac	atctcgtcaa	180
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cgggaggtcat	agaagcagaa	agaggagcag	gagccgcgag	agtgatcgcc	gtcgatctcg	480
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ggggcgcgac	tcgactctga	tctctaatg	atgaccgcta	ttaccggcct	tcaggtcttg	600
cccttcgaga	agagaaggat	gatgaccgaa	gctctcgccg	ttgaccgaga	gaaccg	656

<210> 5378

<211> 403

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(403)

<223> n = A,T,C or G

<400> 5378

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ggcagcagca	tggcatactc	tgtaacaaaa	gcagctggcc	tgacacctgat	gaagcatttc	300
gccttcacat	ttgggcgcga	gattcgcgtc	aatgcagtct	tgccgggtct	acttctgacg	360
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<210> 5379

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5379

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acttgaccgg	ctgcataaat	tgggtaaaagg	tcatttgata	tccagggtcg	taaggagaag	120
ctgsgtggat	gtcgtcgatt	tctctctttg	aaagcttgac	cttcaaggna	tcaggcatag	180
ccttgatgtg	ttcaacagtg	ttgaactcga	cgatggggaa	cacaaatglg	gactgggtga	240
acaaatatgc	caaggcctga	ttggcggttg	tccctttcgg	tcaggcaatct	ttcccaaatac	300
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cctctctctt	cgtttgctga	actgaaggca	acacgccacg	gcccaatgac	caataaaaaa	420
aatctctcat	gttttgatacc	tcgcacatgg	ggataacata	ccctctatgt	cgcggaagge	480
ttgttttccaa	ttgcctggga	aaaaaaaaaag	aggtcaagcc	ctgattttat	ggcgttatta	540

aggttagtgg	tcttgctcct	cccaagggga	aaaaagggaa	aaaaacctta	cggcgttggc	600
cttgaaaaaa	taccaacagg	gtttttttct	ttcccgggga	tattttaacc	cccctttgat	660
aaacaaatgt	tatt					674

<210> 5380
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 5380						
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ccggcctcgg	tccccaaggc	gcctttgtcg	gcttttcgca	cgtgggtccac	gcggggcata	300
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ggcagacgga	caagggatcc	cgtccacacg	ggaaataaca	gggaaaggag	acggttgaag	540
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<210> 5381
 <211> 662
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> n = A,T,C or G

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tgaagtcagg	gttacggatt	caacacataa	caagaatcct	cggcctttcc	ttgaccctag	360
tcatacgcac	ggcccaacat	tatatctcaa	tgcaactcta	tatcgnacct	atctccgggg	420
accnccctgt	aaggacaggt	actatgaggg	gttttgagtg	gctaattcgt	gaaatgggcg	480
cgaaccacac	ctggggcaag	aacttcaaag	tcacanggac	gcacgagctg	caagggtat	540
atgggaanga	catggatgaa	tggntaaagt	gcgtcaanga	ggttgaccgc	atggcatgtc	600
ctccggcaat	gcaatctctt	aacctcgcct	tacaggtggc	anaatgatga	acaatgtcaa	660
ca						662

<210> 5382
 <211> 118
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5382						
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<210> 5383
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

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 tagcctcccc caaaccagcg cttgagctga ggcaaaaacc cgaaccgaga tcctacatac 180
 ataattcggg gccctatata cgatatcaat aactaacacg gttgaaatct gatagtctcc 240
 ctctcccccg gaaaactccct cctccgcgca acacaccccc gatcaagacg caaaagcgcg 300
 gagaacaat cctccctaac ttgttgggtc tgcgggtctc ggtgcacaat qggaagaact 360
 accaggatgt ttgatcact gaggagatgg tgggacggaa gcttggtgaa tatgttgcg 420
 cccggaagag gtttacgtat aagcagtcga agaacaaata gttaattggc ttggggctgt 480
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<210> 5384
 <211> 698
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5384
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 gtccgcgatg aactccatga gatagttcag acgcttgcta gaaatggacg ctccacaacg 180
 gctattctct ctcgagctca ttccacaccc tcagatcagt tgaaacctgt cctcgacgag 240
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 aagcacccgt tctacaaata taacggcgtg tggactcgtg aactgcagaa tctggtgtcg 360
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 tcgttcttga ctattgagga ggtcgggaag tttcttgata tccccgtcaa tcttaaggaa 480
 caagatgcgt tccatcttac gattgaagaa tatctgctcg ctctgatttc tatggtcgag 540
 gaactgtctc gtcttgtctg caactcggtc actcttggtg attacgcacg gccggtccag 600
 attggcagtt tcatcaagga tttgtttgcc gggttccagc tcttgaacct gaagaacgat 660
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<210> 5385
 <211> 525
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 5385
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 aattgttcga ttctgacgac gaaaccaaga tccactcaca acccggtgtg cgatgggac 180
 tgrtcccttg tcccgaagcag gagggccgac taaggaaggtt ggtggactttc ttgggaaatg 240
 tccagaacat tgaggttgag aataccaccg cgactgaccc gggatctcta aaggaagacc 300
 ttattgagat tgcgcgactg gttgagaaat ggcgtgcacg cgatcgagaa tacttggtca 360
 gtcaaaacga ctctgcgtt cgcgaggtta atgacaactc cggattgcaa gtttctttat 420
 cacctcactc ggcgaggaag aattttgagc ctgccaaaaa tgtcccaang aagcttcttg 480

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525

<210> 5386

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5386

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tccccatgtg	cgaagaatat	gaatgcatga	tctcaggaat	gatgtacaac	cccaacatac	180
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tcgctccgcc	agtaggagat	ggggacctca	togaaccccc	ttttagaccc	gactatgggt	360
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<210> 5387

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5387

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catctccgag	gcccggggcc	accacgcccc	tctttccgcc	ctcgcttatg	tgaccgatag	180
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gcgagcattc	aaggagttag	aggaagaaga	agccgcagaa	ttgcgcgcgc	ggctggaggg	360
cgccttcagt	aaagctgagg	accogaagaa	caaacacaa	cataaagagg	tggcatgat	420
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catctggtct	aaagatggaa	cattaatcgc	cacgtgcaca	caagaagggtg	gtggaaggat	600
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<210> 5388

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 5388

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tcaacagggc	tacgggtcaac	agggctacgg	tcagcagggc	tacggtcagc	agggctacgg	180
tcaacagggc	tacaatcagc	agagctacgg	acagtcttct	ggatacgcgc	agggatacaa	240
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cgcctgaag	aagtacaagg	ggaagtagta	aaccggttct	tgtcacctca	ctttccacg	600
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<210> 5389

<211> 655

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5389

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cgcctcgcct	ttcaacgtcc	ctgcgcgctc	ggctatggat	atgagccatg	ttaccgcaca	480
ctatgagcgc	caaaatnggg	agctggaaga	ggcctgtgtt	gcccggatgc	aagatgggaa	540
aggttgtctc	tatctatgat	tagacaaaat	tgatttcggt	ttcatgttcc	aagacgcccq	600
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<210> 5390

<211> 1179

<212> DNA

<213> Aspergillus oryzae

<400> 5390

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cgaccttctt	tatctagaga	accggtcttc	tcttgtttgc	acaaagtttg	aggaaatata	180
gaagaaaaaa	agtcccatca	caatggcttc	cttcaccaag	ctcatcgccg	ccggcctcct	240
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cagcaacggc	gccatctcct	gggcctacga	ctggaacatg	atcgccctcc	gcagcctgcc	420
ctccggcgct	gagttcgtgc	ccatgctctg	gggcccgaag	atgttcggcg	actggttcac	480
caccatccag	accgtgctca	gcagcgccag	cggctccagc	tacatcttgg	gcttcaacga	540
gcccgaagcc	agctcccaag	ccgccatgac	cccctccgaa	gccgcctcgt	cctactccac	600
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tgccgatggc	ttcctgctcg	agggcagcga	cctgagtgcc	agtggaaaagg	cctacaccta	1020
ccaatcctga	tgggcaaat	cccttccggt	aaatatttca	caatcaaaaa	aacaatcaaa	1080
aaaatacggg	ttagaaaatt	aggcaaggaa	agggatcggt	gttacttttt	ttgggcccagg	1140
attggcaagg	gtttattcag	ttgggttaac	ttgggtccc			1179

<210> 5391

<211> 681

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 5391

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ggggcacaaa	tctgtagacg	gatttccctt	tcttttcccc	tctcgtaact	ttattccctc	120

cqcccaagat	ttctcaatca	tctgttacta	caaccccgcc	gtacttgagt	tgatgacttg	180
acgagactga	cgaattttct	tctgtacttc	tacataaacc	catatccacg	tctttttcaa	240
gctctttctca	tatattcctt	tctttctggt	cttggacggg	tcccttcgtc	tccgtgcttg	300
gacatcagat	cattacataa	cggccgcaca	gaattgaatt	gaattgaatg	aaatcactct	360
aataccaaga	aattgcaatt	aggcaacccc	aattgaaagc	tgaaatggcg	tcagacctca	420
caaaagtggg	ccctttgacc	tgccacggac	actctcgtcc	tgtgccgcat	atcgactttt	480
cttccacagt	agaagatgat	cagtactacc	tcatatccgc	tttgcaggac	aacaacccca	540
tgcttcggga	tggtatcacc	ggtgattgga	ttggaccttc	ntcgcgcaca	aggtgcagtc	600
tggaagcca	gactcttcac	agatgccacc	atagcagcaa	cagctgcggc	cgattttcttc	660
gcaaaagtct	tggaaccca	c				681

<210> 5392

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 5392

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aaagattctg	tttccccgat	ctagtgcgtc	gagggggcctg	cctcaggcaa	aagcagttga	180
ttcattacct	cttcttgagg	ccatagttac	ggaaacgtta	cgcctccatg	ccccatttcc	240
tggaatacag	cctcgtgtca	caccttatcc	atcctgtacc	ttagctgggt	acagcgatat	300
ccctgcaaac	atcagagtta	atgcgcaggc	atactcgtcc	catcgcaacc	ctgacgtata	360
tccggatcct	gagacgtggc	aacctaagcg	gtggcttaag	ggtgtcaact	cggattccga	420
ccttgaagaa	agaaggcggg	ggttctgggc	tttcggaagt	ggtggaagga	tgtgtgttgg	480
aagtaatctg	gctttgcagg	aaatcaaaact	agtaacggcg	gccatctaca	gcaactacag	540
gacgtccatc	gtagacgacg	acaacattga	accaatcgac	gcctatacgg	ttaagccccg	600
cggagataaa	ctggtgttng	aatttgaagc	cgcgntaatc	gtaacccagt	ggtaactttc	660
c						661

<210> 5393

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 5393

cccatcaaca	ttttctcatt	ttccaactcc	taaaaccaca	tctatactaa	tcaagatgcc	60
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cgtcccccgc	agacctgctg	ctgtctccctc	ggcccagcac	tcccagcctc	actcgaccgc	180
tgtctacccc	cagtcgaact	cccagcaggc	ctatcctcac	cctccccccc	aggctgcccc	240
cgtccagcag	agcgcgggac	ccggcctggt	cggccagatg	gcctcgaccg	ctgctggtgt	300
cgcagtcggc	tctcccatcg	gccacgccat	cggtggtttc	ttcagcggcg	gttccagcgc	360
ccccgcggag	gccccacagg	cagctcccgc	cgaggccccag	cccattggaca	ccggactgtg	420
gcagagcaac	accgtcaaca	gtctctatgg	caaccctgcc	tgcgagacgg	acgttcgcaa	480
cttccgccaa	tccatqqacq	agaaccaggg	caacctcagc	atttgcggat	ggtacctgga	540
ccagctttaa	gcttgccagg	ccgctggtaa	gccttactaa	agttaatgta	ttatgtttcg	600
cgttgggggg	tatactaagg	atgggaattc	tgggtttgga	accggttcat		650

<210> 5394

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (703)

<223> n = A,T,C or G

<400> 5394

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tagccccagt	gtgccctaaa	tatcgaccgt	tccaacatat	gatcaattgc	tatcagtcaa	120
catgtggaag	ccaccggtga	acttcacac	cttgcaattat	acatacatca	ttctctgcag	180
tctattgggg	ataatcatac	tttatccctg	tggcaatttg	agagcgatcg	atgcattctt	240
tttcggagtc	agctctgcca	cagtatcagg	gcttaatgtt	gtcgatttaa	aagacctaaa	300
aacataccag	cagttatttt	tatatttcat	tcccaccatt	tgcaacatgt	gcttcaccaa	360
tatccttgtg	gtaatcgtgc	gactctattg	gtttgagaag	cgtttgagag	agacagctcc	420
cactgcattt	cgcccaagct	cacgttcagt	aacttccaag	gagtatgact	atgaccagga	480
ggcacaaccc	angaaactga	atacaattcg	agtccgggag	ccggaacaga	ccgccggaga	540
gaagatcaat	gcggaaaacg	agcacttggc	agactcgagc	aaaagccaga	cagtgccaga	600
agaactaact	gaatcgaagc	ctncagatgg	ccccgacctt	gatgctattc	aactaactaa	660
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<210> 5395

<211> 1186

<212> DNA

<213> *Aspergillus oryzae*

<400> 5395

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ttcacatata	aattttaccgc	tttccctttt	tctttttctt	gttagcacct	ccgccttgag	180
acttctgctg	ctgagccacg	ggcgccaggcg	actcctctgc	cttttcggtg	acaatacctc	240
cctgcgtccg	ttcgggcgcc	cgttgcttgc	ctttccggcc	cttgggtcgg	taattagagc	300
ggtcacggag	gggcaaccag	cgttcgggat	ccggcgctct	gcttgcatca	taatccttgg	360
gaagacgtga	ctttcgcact	cgcttagttg	cacgaccttg	tttatcgcca	gatgttctct	420
tccttgcacc	ggcgatggct	gccgcagctg	ccgcggctgc	ggaggaagga	ggggatatgc	480
cagccgattc	aagtgcgttc	acgtcaacat	ccgagatcag	atcgtcgatt	ggagggagag	540
tgtcaacctg	ggactcgatc	ttggcatagt	ccagtgttgc	ctgagaagca	acgtaaccgg	600
cgatggcaaa	agaatcgctt	ctgtccttct	ggtaaagaga	cttgaacaag	tcaccggcgg	660
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aaggtggcgc	ctcgacatgt	tcctgccaat	aggctgcagc	tttagcgagt	tcggacatga	780
tctggacctc	ccggccttcg	agattataga	gagtcaagtg	aatgcgtaat	agtactgggt	840
tgaagcggac	ctccttatcc	tgttcggaga	tggagtcttc	gagtagctgg	agggatttct	900
ctaggggtgg	gattgcggaa	gtagtgttgc	cttcggtcac	gtagagctgc	acggctgtga	960
gcgctagtc	gatgtcgttc	ggccgccttt	caagtgcggg	taatatcgcc	ttcagggccg	1020
gcgtgccagc	tctgtcttcg	cgcaggagcc	acagctttgt	agaccgacag	caggtttattc	1080
taggtgacta	tcgaataata	ctcggggctg	caagagcgcg	ttcgactcta	accgatctac	1140
gcgggtcaagc	tcgcattggc	cgaatcaggg	ccgtgtcttc	aaccgc		1186

<210> 5396

<211> 1188

<212> DNA

<213> *Aspergillus oryzae*

<400> 5396

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tgtggtgtga	ggacaacgtc	gtaccgggcc	atcaaaaatg	cccccgctcc	agcggattct	180
ccgggcagtg	atagcttctc	caacatcctc	cttctctctt	tgcttctgct	catcccatgg	240
tatctggccc	gccaggtcgg	tgggtggttc	tacaccacca	tcttcttctc	aatcttcacc	300
actatcccta	ttttgatggc	tttctgggtc	gtcgcttcat	ccatctctcc	ccgcaagacc	360
gaaaaggcca	agtatgctgg	ccgccccgtc	gaacactacc	tgcacttcca	cagcgagcat	420
gaccgtgctg	cctaccgtgg	aaagagcaag	attcccatgg	aggttttcta	cgagaagta	480
ttcaacggtg	aggtagactt	caagggtgac	gccttggagt	gcctcgagtt	ccgccacgat	540
tgggccaact	tcgccttcac	catgggcctt	ttcaagcact	tactcttcgg	tttcatcccc	600

gagatgctga	tgcacacccg	ctcccaagat	gaagagcagg	tccgtgatca	ttatgaccga	660
ggtgatgatt	tctacgcttg	gttcttgggc	ccacgcacga	tctacacctt	cggtgttatt	720
agtgatcccc	atcggaaga	gacctatag	gaactgcagg	acaacaagct	ggctgtgggt	780
tgtgagaaga	tttgccctgaa	gcccggagac	accgtccctt	atcttggctg	tggctgggggt	840
actctggcca	aatatgcttt	cttccactat	ggggctcagg	ttcccgtatc	actctttgtc	900
ttaacccaga	ctgccatgag	gtaacaatgg	cctttgataa	ggccgtattg	atgaatccca	960
aaagcgaata	atgttctttg	aactacctga	cccttttcca	cttgaagggtg	gttctcaaaa	1020
ataatcttcc	tgaaatgggt	gatcaatttg	atgtagatta	cctatacaat	aattttatta	1080
tagagtttaa	tattgcccgc	acaaacaccg	ttgtttattt	cttcaaaaat	tgtggtcttc	1140
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<210> 5397

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 5397

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tcaactcggc	caggggtggtg	aaggcgaagc	tcaacaacgc	gatttgccgc	ccgaattgct	180
ccaagccgaa	gcccgtcatt	ttgcgaagaa	gaggggtatc	cccgtgaatg	aaccaactgt	240
tgagagcgca	gcacccaaac	accaaataga	aggcgggtcca	tctggcagtg	attcagttgg	300
gacggaggac	gaagatccag	aagccaaacg	gcggcgaata	ctagaggaga	cgccgggacat	360
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aaaagaggcg	ccgagttgaa	gcgagaactg	gaaagaatcg	gcaggggata	ccagtaccga	480
agatcatgaa	gagcgcacaac	gtcctcttaa	aaggaaaaaa	aacggcgatt	aatcatgtga	540
cggaaccgcg	tcgctaagca	ctatgactcg	actataaccc	tcgcggatgc	catatgttca	600
ccatatgaca	ttgtgatgat	acgatgttga	gtatatcacg	attgcgatga	tcacattttg	660
acgctattta	cgatacgtca	cctttaacg				689

<210> 5398

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5398

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ggaacaaaaac	gaaagtcata	ggcaagaaaa	acttcgacaa	agcctgggat	gcactcgaca	180
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tgacaataga	caaagaaagt	gagaagggtg	cccgaattct	ccatagcttc	tgtaaagatg	300
gcgtctatgt	cgaagaatcc	aaagaaaagta	cacctgtacc	cgaaacgaaa	ggaggaagac	360
aaccgatcga	taagccgcgc	ggaaaagccga	aagtgttgca	gaagattccg	tccgaagtta	420
tcaaacaggc	gaagggaactg	gctatcttta	ctgcgatgaq	aacggggcta	tggttcantg	480
gtgaggggcg	tgtgtgtgtt	ctcattacca	aaatgcctqa	aactggcgaa	tggagtgcgc	540
cctcgggtat	cctgctgcac	acggctggll	ngggattttct	tgtcgggtga	gatatctang	600
aatgtgtgat	ggtgattaat	acgtatgagg	cattggaggc	gttcacgaaa	ggccccgtta	660
ctctccgagg	cgagatcggt	gtcactgctg	ga			692

<210> 5399

<211> 760

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

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<400> 5399
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gtcgccgtac ccacaagctc cagcacctga gtgaaatatc gaccgatgtt ttcggcaatc      180
tgttgagaaa tggccccgtt atcgatccac acctcgcca ctccaaaatc ccgtaataac      240
gcctctcttt ccgtttttct ggtcgttgac gccacaaacg cccgatgtgt cttagcaatg      300
gccgctgccg ccaggcccac cgaggacgtt ccaccgcgaa tcaacaatct atctttgggt      360
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cccagcacgt gccagggcag ctttgtcttc agtatctgta cctgctttgc cggtagacat      480
gtgtactctg cataccctcc atcaaacgct cggcccatcc cgcccatggc tgtggccacg      540
gtggctccga gcggaaattt atcttccagt cctggggcgg catcgactat acccacggct      600
tcgatgccga gaattcgggg aaattgaacc gcagagccag agtgaccctg acgggtgaac      660
atctctgagc tgttgagtcg gaattgcttg accttgatcc agacttgctc aqaactgggt      720
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<210> 5400
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5400
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tgccacatcg ctctcttgac tctcactca tcaactattc cgtataacgc cggaaattcc      180
gtgagtcgct agcaatcggt cacaacaagc cgtaatccgc ctgctccaac tcggcgctta      240
tcggctcttc tccgacgtca cctccttacc cggctcccta cttgccacca cccgctcaac      300
atggctcttc gcaagccccg ctgcaacttc aaggaaatga aggaagcagc tcagcggatt      360
gtcggagact gcagcttctg caatgggcat tactgctcta aacaccgcct gctagaagcc      420
cactcctgca ctggcctgga ggaactgcaag aaggagtccc acgcccgcga cgcgcgataa      480
ctgaacacgc agcgtaccca tgtcatcaag ggcgtataga cgacgcctg gggtcctcga      540
ctttcactct cctttttgaa acttttctt cggttcttgc atcgccatca gcgaaaccgg      600
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ccgcgggggc cattatcttt tttt

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<210> 5401
 <211> 546
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

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<400> 5401
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aatctataaa atcctgagcc gggtagaagg ccagctgctt caatcatggc ttccagcaga      180
gtaatgctgg gcttcttagg cctattcttc agggccggag ctctgctact gatgttctg      240
acctgctcgc gaggagcacg gaactcggtc ctttgaacg aaatctactt cctccaagtc      300
gacacaggca acattccagg tgcacctct gtatcccgat ggacattctg gaacatctgc      360
gtgtcggcgc acaatggqaa gagcgattgt ggaacatcat acctgactt cccctttagt      420
cccccgagcc accgcaactt cgacapaaca accaatatcc ctggagggtt caatcggaca      480
aaacactact tncctgacct ccggtccatc tccatttctt aatatcgccg tttccttcgc      540
gttggt

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<210> 5402
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

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cagtactgag ggtttgactg cggctgatgt cgatgccctg actcagtcgg ctcggaatc    120
catgctcaag actctactcg agatgtctga gaagaacgaa atcgagggtg gcaactcgca    180
tgccaatggg acttctactg ccgttgagat ctgacctcgt tgcaactttg agttatgaca    240
atgacctttt tcttctcctg catcccttcc atcgaaacgc agatgcacgc accattccac    300
gaanaagltg aaacgcgcgc tgagacatga ataccggggc ttgtttgtcc cgtaccaccc    360
gctaataatc attgtcttct gttctccagt acagatcccg cgacagagta cttcaaatag    420
tttctgtcta gagacgaggg cctaagattt gcattacttg tagacatgag aaacaacatg    480
agacagagcg gtcggccctg atgaaacgtt cattataatc gggtcctata cctaattggat    540
aggacctttt cctccaaagt gtatataatg tcatccgttc aagagtaccg ggcccctccc    600
tcccgtgtga tactctggac caattctgtg tgtaggctac cagatcaata gaacatatnc    660
acttgctggn tcaaaaaaaaa aaaa                                684
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<210> 5403
 <211> 928
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(928)
 <223> n = A,T,C or G

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cggcaaggag acggtctttg ccctcgccca agccgggtgta gaaggcgtca tccttgccga    180
tttgaacctc agtggcgctg aattagtcgc tcaggagagc acaaaaaaat gggctactaa    240
ctectatttt cgcacgcacag cagtccaggg ggacgtttct gacgaggctg ccgtaaacaa    300
catggttgat gtagcagtga aagagtttgg cagaattgac tactgtgtac atgcagcggg    360
gataggttagc atttccgggg cgacaactga gcatctcaag atcgacgtct atgatcagat    420
aatggcagtc aatgctcgag gcacaatgtt agtcttgcca gctgtctcgg cggatgatggc    480
taaacaggag cctcgcatgc accagagtgc ccgtcacggtl acttcgcgta gtctcgggcg    540
tggtctctatt gttgtgggta gttctgtgaa tggnaacctg gttgcgcccg ggatgttgtc    600
atatacagcg tccaagcatg ctgtagcagg catagccaaa acagcagcta ttgacaacat    660
caagaacctt atccgagtta atgtcggttc ccccttttac accgaaaccc caatgttcga    720
agctagcttg aagcgagtcg ctgaactggg cgctgctatc aaagcaatca cccattgan    780
aagagctgca gccccgaag aagttgcaga tccgattgtg ttctgtgtga gtccagcagc    840
aggttacagc aatggaggca ccttatcat cgcacgcggg acaacgctca acattccccg    900
gacaagtctg tgaagcttcc tgggagag                                928
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<210> 5404
 <211> 764
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(764)

<223> n = A,T,C or G

<400> 5404

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gtactataat	gccaccaata	gtcttcccg	cacgaacacc	atgaccgcga	tcttggttct	240
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tgccccgagat	ggcggtcttc	cattttccgg	gttttttgga	tacgttactc	cggggtggaa	360
cattccgctt	aatgcggtga	tggctctct	tatggtaaca	gttctcctgt	cgttgatcaa	420
catcggttcg	acaacagccc	tttttgctat	cgtcaccttg	acgatcgggt	cgcttatgtc	480
ttcatacgtt	attacgattg	ggtgcgtgct	gctcaagcgg	atccgtggcg	agccccctcc	540
acctcgccgg	tgggagcctg	ngtcgatttt	gaaatggcca	ttaacatcng	tgcccttggt	600
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caatgaactg	tgccctgggtga	tgtaccgtgc	aatataataa	ttgcatttta	taataaaaatt	720
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<210> 5405

<211> 743

<212> DNA

<213> *Aspergillus oryzae*

<400> 5405

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gcgaccagaa	atggcgccgg	cgtgtcgcag	gttgtggcct	tccatgcctc	cgcaagaag	180
cagatcctgc	ctcctctgcc	tcagaccatt	cagggaaacga	tgaacgaccc	tgctcccatc	240
cccacccctc	acccctcgga	gggaagctac	cactggacct	ttgaaagagc	catctccgcc	300
ggtcttgtcc	ctctcaccat	tgcccccttc	gctgtggct	ctcttaatcc	ggtcatggac	360
gcagtcctct	gctctttcat	cgttctccac	tcccacattg	gattccaggc	tgccatcatt	420
gactacttcc	ccactcgccg	tgtccccaag	actgccacat	tttgcaactg	gctcctgcgc	480
gcattcactc	ttaccactgc	cgtcgggtctg	tatgagttcg	agacgaacga	cgttggtgta	540
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tcattacttt	ctttttgaac	tttccctccg	ttcaggcggt	ttgcctatgt	acatgctgtt	660
tctgttaaag	taagccagtc	cagctgggtg	gcgctctggg	attgagctaa	aagaatgtaa	720
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<210> 5406

<211> 1590

<212> DNA

<213> *Aspergillus oryzae*

<400> 5406

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acacettctt	gccttcgcgc	tgctcctcgc	taoctccgag	gccgcctaca	agggcttcaa	180
ctacgggtgt	accaagtcgg	atggcagcgt	caagtctcag	tccgatttctg	aatcggagtt	240
ctccactgcg	aagaatctgg	ttggcacttc	gggcttcacc	agtgtctagat	tgtacaccat	300
gatccaaggt	ggcaactaca	actccccctat	ctccgcctatt	cccgtgcca	ttgccgaaaa	360
tactctcttg	ttgtctgggtc	tttgcacctc	tqdtqatqat	atggacaacg	agttggccgc	420
cttcaagtcg	gccatctccc	agtaacgylga	ctccttcgcg	aaattgggtcg	tgggtatttc	480
cgtttggtagt	gaagatctct	accgtgcctc	gtccgagggt	gagaagggtca	atgcgggcct	540
tgggaattggc	cccgacgacc	tggtctcgtt	tatcaaggag	gtccggtcga	tcctctctgg	600
caccgccttg	agcagcgtcc	ccatcggtca	cgtcgacacc	tggaacgcnt	ggactaacgg	660
ctccaattcg	gcggtcattg	acgcgctcga	ctggttgggt	ttcgacgggt	atccttactt	720
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caagggattc	cgctccgtcca	actcctccgc	tgctgectac	tactccagcg	cttctgctag	1260
cggtcgggcc	taccctaaat	tcaccaagac	cgctagcggg	tccctccgta	cttccaccac	1320
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cgctcggggc	tccgtcttcg	gtgctctggg	tgcagtcttt	gcattcgtgg	ctactttgta	1500
aagaaactca	cctatccatg	atcccaatcg	atagctagat	ttagaccatg	gccattcttt	1560
caagtacata	catttataaa	ataccctcgt				1590

<210> 5407

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 5407

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gattctgcaa	acgatgctat	cgacaaagaa	cacctggctt	cggcattcac	agagctagac	120
gaacgagtag	acgattggaa	gtcgcttaaa	atagaatcat	ttggtgacct	gcttccgttc	180
ggcacattta	ccgttttgaa	gggagacaat	ggcaaggatt	cagaaagaga	gtaccacatc	240
taccttttcg	aacgtatcct	tctctgctgc	aaagatatca	atccgaacaa	gcagaaaacg	300
aaactgattg	tgggcaaa	taaaccagct	actactgtga	aaggaaaacc	acggttgtag	360
cttaagggtc	gcattttacat	ggcaaacgta	acggatatag	cttgctatca	naagccaggt	420
tcttatcgta	tccaaatttt	ttggaaagg	gaccnnggcg	tagtggacaa	ccttatcata	480
cgctatcaaa	atgaagatgc	catgcgcaaa	tgtatangga	cattggacac	cnacgagcaa	540
tttagccgaa	caacgcaacc	accggatacc	gttcatcgga	gacaaatcac	gtcatgaaga	600
acatggcaaa	attcccaaac	ggaccctgac	atgttgccgt	gaacaaccac	ttag	654

<210> 5408

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 5408

ccaccgcact	catctgtata	ctcctccatc	cgacttcaac	agtcctatga	atcgtcttct	60
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ggtcgagtc	gagaccaaca	cggtggccga	ccagtccgat	tccctccaca	aggctcttca	180
cttggttcgag	aagttcagcc	atgggtgtctt	ccgctccgac	gaagatgctg	cggacgctct	240
cactgccgag	gatagagagc	tggtccgccc	tctgaacctc	aagagggaca	acagctcttc	300
cgctgtagag	ccctcagcca	ctgctgcgga	accaaccacc	tcagcccaac	ccaccacggc	360
cacgcctact	caaaagacca	ccgtcgaaac	cactaccagt	gagcagccca	caaccaccga	420
gaagccaaca	acctcggaga	aaaccaccga	aaagcccacc	accagtgagc	agcctaccac	480
caccgataag	ccaaccacct	ccgacaagac	cacttctgag	aagacccccg	agaagcccac	540
caaccacggc	ccaccacagg	ccattatcca	ccgacaagcc	aaccaccttc	cgaaaaaccc	600
ccctggggaca	gaccacggga	gaacccaaca	ccagtcgcaa	tcacccacag	ggccccaccc	660
cattgcaacc	accccccccg	cccataagcc	acaaccccc	gaataaaca	c	711

<210> 5409

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (667)

<223> n = A,T,C or G

<400> 5409

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gcacggaact	cgagctcgcg	accttgccct	cgaattcgaa	cggtatgtgc	cgctcgtcga	180
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gatectcgca	atgccgacgt	tggagcaaga	cctcccctag	tgttctgagc	tttgcttgtt	300
gcattactcg	tcgtctcctt	gatatacata	cattcccttg	gaagagtcac	tatggccccg	360
gcactttttg	tacctatcat	aaccgcgtta	tacacttttg	tctttgggtca	ttgagcaata	420
ttatcttagt	tgtctgttta	caccccaact	gtcttggttc	taacctagct	ttagttacgg	480
gcgccttgtc	cgggtgtgaca	taccagcacc	acgtactcct	tccagcagac	tgtttgcttt	540
tgtggaatat	gagagccgcc	gtgatgcaga	tgatgcgtat	catgaaatgc	ataacaaacg	600
aattggacgg	gatgatttat	tgaanattga	atgggctcgc	actccaccat	ctgcttcttg	660
gaggttg						667

<210> 5410

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 5410

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cacgccaaga	tgtcttttca	gaactttcaa	ttgttcggga	accaccaccc	agcggctgat	180
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cctaccagtg	gcccaattaca	gtgccctgcc	cctggcgagc	caacggccgc	tcccgttcat	300
cccgctcaag	aatgaaagac	cactctctgg	atgggtgagc	ttgagccctg	gatcgacgag	360
aactttcatc	gcgacctctg	gttccacatg	ggcgagcagg	tcaacgtgaa	gatgatccgc	420
gacatgttat	ctgggtggag	caatgccggc	tactgctttg	tggacttttt	ctttcccgct	480
gctgccgata	aggctctgcc	gtgaaacgca	ctcccatgtc	ccacaccatc	cggcttttta	540
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ttattctctt	cattgggtgaa	ttggggggccc	acgcgcaatt	atattttaac	gtagttcacg	660
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<210> 5411

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (682)

<223> n = A,T,C or G

<400> 5411

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catgcttcag	atcagtgctt	tcccccagaa	gttaagctcc	qaaqatqaaa	gagcaaaaaa	180
tacaagtctt	attctgagct	actcactctt	tcctcaalal	gcaagcgact	attcttcggg	240
cgcacatcatt	tgggtccagg	attagcatat	acaagtacac	accatggagg	cgaccttttt	300
catctctctt	ttgcgcgagg	gaaatcagaa	atalagagac	gttacctcaa	cgtctactac	360
ctaaatacga	agaattcttg	gagggcgatc	tcctctctct	tcaatggcca	gcaccccttc	420
gaaatgtctt	tgttgtgaaa	aaggactcgc	tgccaacagt	aacggaatca	ctaattgaat	480
ttgcgaatca	tgtaacatct	angtatccat	ctatcgccct	gatcttagag	cggagacttg	540
cogaagaagt	acattcaaaa	ttttcttttc	ctatctactc	agctccattg	agcaggctag	600
cctccgcgct	acatagtaaa	ggcgacctta	cggttactct	tggcggngat	ggaactattt	660
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<210> 5412
 <211> 652
 <212> DNA
 <213> *Aspergillus oryzae*

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tgagactact tccagccagg cactcacaat gtatacatcg gcacagctca atgggttttga 180
gacgtcatcg cccgtatcgg gctacccagg cgggtccccc gggttcggaaa accgcagctc 240
atcgcaacct cgatttgcca acccttcaaa cgccaacttg actgccaatg gcaacgagaa 300
cgaggttcct caaccaaccg aatacccgta tggggcaaaag gcaatctatt cgtatgatgc 360
caaccacagaa gacgccaatg agatcagctt taccaaacat gagatattgg aagtgtccga 420
tgtttagcggc aggtgggtggc aggccaggaa atccaatgga gatacaggta ttgctccatc 480
gaattatttg atcttgtgtg gatctggatg gagcttccct gtgtaacgct ttctttcttc 540
tttttttggg tttttcatgg tcttcgcccgt tttgttgcga gaaaaattat ctttgatacc 600
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<210> 5413
 <211> 1320
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1320)
 <223> n = A,T,C or G

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cgtccagtct ctcaatgcgc tcaactgtcg ggcctacgca agtcacggac aaccacacaca 180
aagtgcgagt gtggtgacaa gaaaaagaac agccacaagc atgatttaga tccccaccac 240
gccaatgaca agcgggatca caagcaggac tcccgctcaa gatgtggctg cactcatgga 300
cagcgctgta cctgtgcgct gaagaaggaa cccacacctaa atactgtgcc ggaaactggt 360
cttcctccgc cccaacatac tattctgtcg gaaccaccca agaagcccca gttgacctca 420
accaagtccg agagcacgct taagatattc cgagatggtc accacaaacc ggctcataaa 480
cacaatgaca tgggtcaca gtgcgggtcg ccttacacga taccocggtc tcatacgatc 540
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cagcgctcgt tcaagtcoga gcatgggtct cccgagagtg ccccgctcgt gtcaacggaa 720
gatggaccga cgacagtcct cccactcgac ctctcgtctt tcttccttca gcctcagccc 780
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ccacttatga ctagtgtgca gcctcttgac gtctcgtcct tctctacttt cccgaccacg 900
accacttcgc ccgtgaacac aatggcgctt caagatccat acaaggagca gtttttcacg 960
tcgcgggaca acgatatgac cttgggtcct actggattca atgcacccc tgctgactgg 1020
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cttcaagatc tggccagtggt gactgaaggt tgggatctcg accatttccc cataagttcc 1260
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<210> 5414
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

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cctcgaggag	ctcggcgaca	tccccagg	ggctctcgt	qaggggaacc	tcttcgtccg	180
caaatgcacc	acgcccgcaca	aacgcgattt	catcaggatc	agccagggtg	tccgcatggg	240
cttccttagc	acgggtgcca	ttggttactt	cattaaatta	atacacattc	ccgtcaacat	300
tatccttgtc	ggtggtgcat	aagctatgaa	caatattaat	cagcactcga	taacctata	360
ccttaacttg	atgtggtgat	gggattctgc	atgggtttaa	tgggggagaa	tccgtccatg	420
cttgatccg	ataccggtta	ctcgtaaagc	gtgggttacga	aatagagtga	tggtagatgg	480
aggtgcctaa	ctcatctttg	acttgatgac	atgccgtcag	tgcattgatg	aggtggattt	540
tgctggatga	aatattgtag	ccatgtcttt	gaggctgtat	acatagcgtt	tcctgattct	600
aataagcatc	caaagaggat	aacttgagag	aattggctaa	ttccgggggt	ttttcaat	658

<210> 5415

<211> 917

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 5415

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tctagcagcc	cgcagccggg	agatatgttg	aaaccaatgc	agaccggatc	caacaaccca	180
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ggtgatctcc	gtatacctgc	tcaacacacc	gcaccaggca	ccttcgtcaa	ctctgctggc	480
caaggtctcg	accgcctacg	cgccaaccag	accggcagca	acccattctt	cgcccaacaa	540
cggttcgtcc	cccagcaaac	agggttcgac	cagcagcaaa	ccggcttcgc	gcagcctacg	600
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tttgtagtgg	aagtggaata	cgataccagg	tcttttatct	tgtctttatc	gattatatct	780
ctacttttct	ctccttttat	tccctttgtt	ccgttgcgtc	gtcttttaca	cgaatgggtg	840
ggtgttatgc	tgcattgaa	ttaggggttc	ggaattgaca	tacagatttc	agtcacgtta	900
aaanaaanna	aannaaa					917

<210> 5416

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5416

gaagacgtta	cttgacgaca	ctatataatc	gtcaatacat	acgccttcaa	tcccatcctc	60
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catctcacgg	accgtgtagc	tagactggac	agtagctact	cgtgcttacg	gacataccgc	180
ccgtttaatt	tcattctact	gcattcttat	ctttcttcac	attcgctatg	gatcactcct	240
gagatccctg	accctggggt	gccctcaacg	acttcgggtg	agctttctgc	atgggagcaa	300
tgggggtg	agtgtgggac	ggacacaagg	gattcaacaa	acaqaccata	cggatagcgc	360
gggacaggag	acctcaccgc	catacatgct	tgtglaacgc	atcttggggg	caatcaccgg	420
gtacggggcg	gcaatacatc	ccatgcgact	atgaccacac	atgggtctccc	ataatagacg	480
cctcaccata	accaaataag	ctacccgtea	caagcccaaa	tacaaccgat	gtcgagacag	540
ctcaccgaac	acctgacaca	tgcacatgac	ctcgggggtc	acacatttat	agccattttc	600
ggtctctctc	tcaactataa	actcaccgca	gagccgcgcc	gcaccttaac	ccc	653

<210> 5417

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

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tctctttggc aggcaatcca ttaacactgc aactatcttg ttccagctgg cacaggctct      180
tgctcttgac caagactcca agggagctgt tggcaagatg cgcgatgcct acaacatctt      240
ccttagccag ctgggtcctg aagaccgcaa cactaaggaa gctgagacgt ggctggaaca      300
gctcaccacg aatgctgtct ctatcgccaa gcatgccaag gacatccagg ctgcgcgctt      360
ggcgcgtatc aatatgaaca cccggactct tggtaactaag gtccagcctc aagttggcca      420
gtccgcacct tcggcatccg gagccagttc tgccaaccct tcattggact cgcgaagcat      480
tgatgaattg ctgaagtcca tccaagggtg tgacaccagc tcttcgcgga ccaagcagaa      540
gaagcgtgct gcagctagca accccaagct tctgtggtct aagaagtcac cagcttqaac      600
atatccataa nttctatcat gtttggtaan aaaaatgcac cggcccttc ttgactttta      660
acttctatgc ctttactggg taagacacac tttttttgaa ccatttttaa aaa      713
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<210> 5418
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

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<400> 5418
cgatgctatt ggacacactg ttcagatagc gtccggtcgta tttggcttgg aaaatgacgg      60
ccgaaacggg atttgtcccc actgtgttct ctcttcgctc agagagtgtc tactcgtggg      120
tatgggctgt gagtgtctgg cttgtggcga tatttgtgct ctatcttaca caaggtattg      180
ctcgtcgcag attcgccctac gctcatggct gtcaagcacc accacggtat gccacccggg      240
acccgattct ggggctggac tctttgcgag actccatgca ggcgaggaaa tccgacaggt      300
atthttgcag agagcagcaa ctacaccaag cctatggcaa tacgttcatg tgcgtgcttt      360
tagggagctg gatggtgaat acgattgagc caaagaacct ggaggttctc ttctctacca      420
agtttgccga ttacgaggtt ggattccggc gtccggaatgc ctttgccctt ttgtttggca      480
agagtatctt tcaaagtgat ggaactcggt ggcaaacatt acgatcacag ctacaattat      540
gtttctcgcg agtgcaaac tgcagtttag ggcttctgga gagccactgt cagcatgcct      600
gatctggggc tatatagcgc cncgaaatcc cataagggga ttatagcgta tttgtacccc      660
aagg
```

<210> 5419
 <211> 1178
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5419
caacattggg tctagaaggc gtacctcaag cccaagccgt accagtgagt ctcaaaagacc      60
tcataaangg aaccgtctcc ttogagaccc tcaccgaagc tttcggcccc tctctcttag      120
gcataatcgt ggtaaaaagac ctagaccccc aattccaacg tctacgnacc caagtcctct      180
ccaacgcctc ctatctcgca gccctcccca acgacgaact agaattccct accagtccct      240
ggcgaataata cctcgttagg tggctcctgc gcaaaagaaac cctgcgatcc ggccacttcg      300
acacccctcaa gggctcctac taagtcacac ggcgattctc caaagacccc accctacaag      360
ggcgcgcgcg cgacaaatta cccgatctat ccgagtacac agccccgaat atctggccgc      420
cggcggaccc attgcctacg ttccggcccc cgttggaaga gctctgtaag cttgttattg      480
atactgcggc attggtggcg acggcgtgtg atcggtatgc gacggaaaat attgaggggt      540
ataaagtggt gtacttggag catgtttgta ggaccgaagt tgacgacgaa ggcgaggttg      600
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ttgcattatt	ttcctgccga	ggctgggggtg	ggagagagag	atggggagggg	agagggagag	660
ggggatgatg	attggtgtgc	gacgcatttg	gatcatgggt	gtttgacggg	tttgacttct	720
gctatgtttg	tcgatgaggt	tgctagtcct	cctgggcagg	gaggcgagct	tggtgagttg	780
ggggcttcgc	cggatccgaa	ggctggggctt	tatattcagt	cgaggactgg	gaagggtggtt	840
aaggttaata	ttcctcggga	ttgtttggct	tttcagaccg	gggaggcggt	gcagcttatt	900
acgagagggg	agtttatggc	tgtgccgcgt	tttgtgaagg	gcgcgaagcc	ttttgcgggc	960
aagaggattg	cgaggaatac	gttgcccggtg	tttacacagc	cgaatttgga	agaggagggg	1020
gatagtggga	aaagttttgc	ggatttttgcg	agggaagtgg	tggccaagac	ttattatggg	1080
gggcgtggag	atgaaatgtt	tattatcatg	aatggtatgt	atattagctt	tgagtttcac	1140
atattaaagg	ttgcttttgg	acccgttgaa	gttggggtc			1178

<210> 5420

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5420

gcagcgcggc	ccccctgagg	atggaatccc	ttccaagacc	aagggtcatgg	ttgccaacct	60
tccttatgat	ctgagtgagg	acaagctcaa	ggagatcttc	gccgcctact	cgcccgtttc	120
tgctaagatc	gctctgcgtc	ccattccccg	ctttatgata	aagaagctcc	agggccgcaa	180
cgagcgcggc	aagggccgtg	gcttttggtt	cgttactctt	ggctctgagg	agctccagga	240
gaaggccgtg	aaggagatga	atggcaagga	gatacgagggt	cgtagagattg	ccgtcaagggt	300
cgccatcgac	agccccggca	aggaagacga	tgtctgtgcc	gctcccggca	ccgacgctga	360
gaagactgag	ccggcaaccg	aagctccggc	gcaggagaac	actgccccgg	ctactgctta	420
aatgacaagt	cgttctcaac	cagaacgaat	caatgatctc	gacataccca	ctgtatcgct	480
gggatttggt	ggaggaagag	aaaagacctt	cgtgcggatg	ataacttcat	actctgccgt	540
cgagaagcgt	ttttacaaaa	gtcaaaaaaa	ggtaaaaaag	acaacgaggc	caactataaa	600
acgcaaaagc	tatgaaaata	ttatcccccg	tcgaagcggg	catagggggac	gaatttatca	660
tgaggatgag	gcattcat					678

<210> 5421

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 5421

ggagatcgac	gatgagttgt	ttgacttggt	gaaacgcctc	ctcacgaagg	atccgggtgaa	60
gagaatcact	gtgaaagaga	tcaagcatca	tccttgggtc	ttggacgggc	tacccaatcc	120
cagagcgtgg	gtcgaggaga	ctgatccagg	gtatctgagt	aaaggtaaaa	ggattgaagt	180
gtctaattgag	gaggttacaa	cgcccggtgag	caaagtaccg	tttatacaac	gtgtgcgata	240
caatgttgcc	aagtgggtcc	actaccttac	cgggaggtcg	aaagataaag	atactcgcaa	300
gcgtacttct	agtgcggctc	cctcagtcga	gtctttctcc	actttcagta	ccaacagtat	360
tggaaagtac	ctttgggaca	agcgtcgtgc	tagttctaag	gattgaagac	ttcttggggc	420
caccgggcta	agccaaggag	gtgaagcatc	cctttttacag	aagggtaacg	gaaagcccgg	480
ggytccggat	gaacaaaactt	gttatctcaa	ggaagccttg	aaqaatcacc	attatggttg	540
gaccggaccc	cacggcttga	ccacccgaaa	cgtgcggtat	tttcgtttgtg	accgcgggaa	600
ttttgcaacc	attaaaggaa	cgaattacaa	ttcccaaccc	ggacccccaa	agaacggtac	660
cccccgctgg	ttggagaacc	ga				682

<210> 5422

<211> 769

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

```
<400> 5422
gagatgggtcg atcgatccgc acgaggggac aaagccagag agactacggc ggagacaatg      60
aaggcgaaacg cgaaacctga cacttgccgg aatgggtgcc gatgtcgtgt catagagtgt      120
aagtatagcc atcctgatgc ggagccctgt cgggtatggg ctggttgac caattccaac      180
tgtcgatttc gccatccgaa atcgcgacta tgccgcaacg gagccggctg taggaagctg      240
ggatgtacat tcgcccaccc ggaggcacc cactgccggg atggagtgg ctgcacgaat      300
actctctgct cgttcaagca cccagcgct cctgcttgte gggatgggtg caattgcatg      360
gtggacaaat gttaaattctt ccatcccga gtcaaaccgt gccggtttg aacacgggtg      420
accaacaaga actgtacttt tcgccatcca ccacccctt atacaaagga accgaccgg      480
tctgcgaaat cgatggatga caaagagtcc aaggaaccga aaagctcgga aaaggaagtt      540
cgcagaaagc taaaagaaag cccaaagtga aaaagtcttc ggttatccc gaaaaggaaa      600
cgtccagttg actgatcact cacagtgcac ctctcagcct cgttggtgcg gggtttgacg      660
caaatcacta tgtccagctt cctggagtgt gtattatgtg agatacgctt aattattctg      720
ctagtattnt gtccttgaat ggggtgggaaa tctctgaaca gtatccaan      769
```

<210> 5423
 <211> 648
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

```
<400> 5423
ctcccccttc ctctcatcc ttgttttttt tctcttggaac attctttcgt cttttaccct      60
cggctctttat tgtggaagag gctgtctaac atcccccttc ttcatcctaa cccattcttt      120
taagtctttt gttttctgtt tttcatctca taccgcgcaa aaaaaggacc gcataatgtc      180
ttacaacggg ggctatcagc gcgaccagcg cgactcctac cgctctagaa acggtgggtg      240
tggtgggatac tcgaatggct actccaacgg caacagcaac ggctactctg gtgggtggtag      300
tggtgggtggc tatggaggtg gctacggcgg tggtggctac ggcggcggct atggcggtag      360
aggtgggtggc gccgggtggg gtgaccggat gtccaacctc ggcgctggct tgaagaagca      420
agaatgggat ctggattctc tacccaaatt tgagaagtct ttctacaagg agcaccgca      480
tgtcgccaac cggctctcagc gcgatgttga tgagttccgt aagaagtgtg agatgtctgt      540
gcaaggaaaa aacattcttc gcccgcgcga gaccttcgac gaggtctggc ttcccccaat      600
acgtgctgag cgagggttaag gctcaagggt tcgaacgccc taccgctn      648
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<210> 5424
 <211> 839
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5424
ggcttattgc ggtggtaaac gaccagattg cttgcatcga tgacaacgat gaatcaggac      60
aactqqqcta cctgtcgaag ttcaagcgcg agttcgaggc actcgtcgac ccaaaatata      120
tggcagcgcg agctataccc gagctggagc ctcttcgcga cgggttacgt gatctaagta      180
cctattgtct tactcaatcc gtogaagtgg tttttgcggg cgacttcgcg gctactatcc      240
cggatttctt cactcagaag tggtatggcg actttgcaat aaagcgaatc acttctacat      300
tcgaagatta catggccgat tactccccctg tcatccacc atcccttata gacatcttag      360
tcgaggaact ctccgacgaa ctcttgggtcc ggtacctgtc atctgtgcgc aatcgcgcg      420
tcaagtttgc ggcacacgct gatccatata cggacaagtt caaggacgac gttctcaccg      480
ttttcgcctt cttccaaaac tatccggact cgttcgccag taccatcaag caaaagtggc      540
gactcgtcga ctgggttggt cgtctacttg aatcggagaa gggccctgcc gttgttgacg      600
tctatgagga cttcaagatg gaatactggg atctgcaact gacgtgggtt gaggcagtg      660
ttatgacaag ggatgacttt gagagaagca tgatcagtcg tgtcaaggcc aaggcagccg      720
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agttgtccgt	aqaaagaggt	atggagactc	ttatgagccg	gatgaggtag	ttgaatgata	780
tctagggatg	aatgacagtg	aaaaataaat	tgtattataa	ataaaaaattc	tgctggccgc	839

<210> 5425
 <211> 694
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(694)
 <223> n = A,T,C or G

<400> 5425						
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aggtctctctc	ggtccaatgg	gattcaacttc	gcctcagaac	aacgggttct	tggcggcgta	120
tgaccggaat	aacctctctca	tgggcaatgg	actggggcgcg	cttggcattg	gacagtttgg	180
cctcggcgcc	catgaaggct	atctctccga	tcactcggag	gtcactcggc	gccgctcgcc	240
acgaggccgt	cgtggtagct	cgaagccacc	agaggacccc	accgaccctg	ctttgttgaa	300
ggacattccc	agctggctga	ggtctctgcg	tttgcataag	tataccgaga	acctgaagga	360
tctgaaatgg	actgagctag	ttgagcttga	cgacaaagct	ctggaggagc	gtggcgttaa	420
tgctctcgcc	gctaggaaca	agatgctcaa	ggttttcgaa	caggtcgggg	aggccaagac	480
tgatggcaag	ctcgacaaca	ttctgtgacg	gaggacgtac	tggtcctctg	tctttgtttt	540
tccgatcggt	tatccttcta	acattctctc	cattgcatta	atttgatttg	attagatnga	600
gattgggcat	aagtggcacg	atccgattat	atccatgagc	gaatcattgg	atgacccttg	660
gnggangaga	ngtgtgtaat	aatcgattcg	agac			694

<210> 5426
 <211> 644
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5426						
ggaaagcgct	ccaaaaccta	atcttgggat	gaagaaatga	cggatctatg	ttatcgaggc	60
ttgcgcgatg	tcggtactga	ctttatgatg	atcagcaaac	tatttccggg	gaggtccagg	120
cgccagatca	agttgaagtt	caacaatgaa	gagcgccgag	ccccgggacg	gattaaggac	180
acactacttg	gaccgcggga	agctgttgac	attacgacct	actcggagat	gaccaacacc	240
atctatgacg	atcccaggat	cattcaacaa	gaactagatg	aggagaagaa	acggattgag	300
gatcaacatg	ctaaagaaaa	gcaggctcaa	gaggagctga	ctaacaatcc	agatgggtgc	360
gcagggtgcta	atcattctcc	agagcaaggc	actgcacctg	tcaagagcaa	acgcaatagc	420
aggaagcaag	ccgctaagaa	tacgagtggg	ggaaatgaag	aaattttggg	cactattgat	480
gacttttctt	gaaatataat	gcttctcttg	attgatatga	tttagactgg	tggttggcctc	540
taatgtgata	ctgatgatag	gcgtttgcgg	cgtttccgat	atccctaate	cggtgttggt	600
atcacggtgg	ttggcgaga	ggttcaattc	tactactggt	tgtg		644

<210> 5427
 <211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5427						
ctcttaactcg	taocaaaccta	cctgaaacat	cagccgcctg	agccattgca	actggcagcg	60
taocgggttag	gtgtctcttca	tgcgtttta	caggtatctg	cccgatgatg	ataccgtgcc	120
ggacatgaga	aacttttgaa	ggaagcttcc	acgctagcgc	cccttgagag	actgcagacg	180
ctaacttctac	tcacaatggt	tgcaagtgtg	tggacgagc	caggttllacg	ggcggagagt	240
atacctctctc	aagggnaaat	agcagcggaa	ttggcggaat	gtccaaagca	tattttctga	300
agcgagtgtg	tctcttggga	tgtgtgggtg	tggcgagagt	caatgaaaag	gacaattctg	360
aacatcattt	gcttcccttg	aataatgaac	gtgtctcatt	tgtcgtccac	catgttccctg	420
cctcccggtt	ttgacattga	gcttccgtac	tgggaagacc	tctggacctg	caacaccccg	480
gaaacgtggg	aacggctctt	cagtacagca	ccgcgaccgc	agtcttttac	ggctgccttc	540

cacaatctga	cgttattggc	cggttctatc	ctgcagaatg	aactaagcct	ggcccacctt	600
ggtttgatga	ttgcctaca	taaccatggt	aaattttgca	aaactttgga	gccttgcttc	660
cgat						665

<210> 5428
 <211> 707
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 5428						
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ttatccatag	aaactacagg	tttctcgttg	aaactccgnc	accatgcctt	tcactgcttc	120
tgatatctgc	aagatcctct	tcgcgatcat	cctccctccc	ttgggtggtt	tccttgagcg	180
gggatgcggt	gctgatctcc	tcataaatat	ctggttgacc	atcctgggtt	ggatccctgg	240
tatcattcac	gctctgtaca	tcataattcaa	gtactagaca	gctctctgca	tctctgtcgc	300
catgcccggt	ttggttcaca	tcgcccggtc	gaaaaactgc	atcggttcgc	ggccaatagc	360
gtgagatacc	aaacttttaag	atcgaactcg	cgaccatgat	gctgtcagca	atgttcgcgc	420
gtgctccggc	ccaagccacc	ctaattgcaac	cccactactt	ggcaaccacc	cgtgtatcca	480
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ttggattggt	ccgaactccc	tttgtttctc	tgttactcat	gttctgtttt	ttgtttcgct	600
tcggatgata	ccagctcatt	tcgataactg	ggcttcgact	ttgctctatt	gtcagtgaga	660
ttagttntaa	tgattaatgg	caattgataa	gacccttgat	ctgtgaa		707

<210> 5429
 <211> 655
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5429						
caacctcag	ccccctctgt	gtcttacatc	ccacctccgg	actcttgctg	ccgtctttta	60
tatcacagac	ttatcaagac	cccgccagga	atgtcctact	atccccctta	ctcgggagct	120
cccggtctat	ccccgcagca	acaatatcaa	caatatccgc	cgtccaacta	cggcgccccct	180
cctcagccta	tgcataatca	acagtcgtcc	tacggcgggc	gttatcccgc	ccaggcctat	240
cgtcagcaac	aacctaacaa	cgcatacggg	tatggccaac	catctcctca	gccatacggc	300
tcgcatcaca	acggttacaa	cagcccgcag	cagaattacg	gccctctcag	cggaggccat	360
atgtatcaac	aacaatctgc	ctaccagaac	tcctacaatc	aaggcgggcca	tggtattccg	420
gcgcgtctct	ccgatcaacc	ggctctcttc	ggccaaggcg	ctccccatga	atacgcctac	480
cggtaactag	catgcaccgg	cacgagaaaag	gctttgctga	ttggtatcaa	ctacttcaat	540
cagaatggtc	agctgcgcgg	atgtattaac	gatgtcaaga	acatgtcgac	gtacttgcac	600
gagaactttg	gctaccctcg	tgaaaatatg	gtgcttctga	cggaccacca	actag	655

<210> 5430
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5430						
ggtctttacc	catttcataa	atgaaggaca	atggccgact	caaggcctct	cggtcttctat	60
cggattaatt	ggccctgtgt	ttgcctttgc	cggtgccgat	gccgcagtc	atatggcaga	120
agagatttcc	aacgcacctc	cttacgtccc	ctggtcgtta	atgctcactg	tcttgatcaa	180
cggaaacctt	ggtttttgca	tgttctctgc	cctgctcttc	tgatccggcg	acattgatcc	240
agccctcaat	gacccccacg	gactaccttc	tgtcgggtatt	ttcctacaag	caacagagtc	300
catcccaggc	acatgggcaa	gggtcttatt	atacatcgac	catacgcttg	tgccaaagtg	360
ggcatgctgg	cgtccatctc	gcgccaatgg	tggtctcttc	cccggaaacc	ggaatccggt	420
tgggcactct	tggactcggg	ttacagcgcg	cacagataac	aaacatacac	cgttttttca	480

ccacaacatt	tcacttttct	aaaccttata	acatggtggt	tgattacctt	taaaaatggg	540
ttcatgtgcc	atatgcccct	tttatataca	tgggggtggc	gggtgttcct	ttccgggggt	600
gcctggggat	ttttgaaaaa	caacggggccc	cgggtttaaa	aaaaaaaaaa	ccgggggggt	659

<210> 5431
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5431						
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gtcaatcata	tgtggaccct	ttcagccctc	cagttgcatc	agcatccgct	gatcgtatgt	120
gatcgtgatg	cgacactgga	actcaaagtc	aagacagtcc	gctattttga	ggcgattgaa	180
caatccggta	ctgatgcgcy	tactcaaggc	ccgcctcttg	tttaccggcc	gaggacctat	240
gttcctgctc	ctatgggggc	gagcaaaaac	aatcagcaac	ccaccccagc	gtcaacaccg	300
ccgagggttc	ccaaggacct	gagaatcaat	actcagctca	accagacgtt	agatgacgag	360
gagttgacgc	ctgatagcat	gtcttcccca	atggctcgact	cagccatcag	tggaactcag	420
tcgaccttga	aggggggatct	gatgttcgat	cgcctgggca	ctcgagttat	ctctcactga	480
ccaaacacgg	cacggaccca	cggctctata	agacgtgcac	tgatggctgg	gcgaaagcgt	540
tgcgagctgg	tacgtctctc	tcgacaaaag	acgtgtgcca	taagtaaatt	tgccggtaaa	600
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ggacctaccg	ggaaat					676

<210> 5432
 <211> 763
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 5432						
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ttggaaaatc	gtctttttatg	ggcacactga	ccttatctgt	cttcgacatt	ggaagaggta	180
ccagcagact	tggtctttctc	aagcatcggc	acgaaatttc	gtccgggac	actagctcag	240
ttgcacatga	actgatagga	tacgccgcca	acgaactgtc	cgaggacacc	ctcgacgtag	300
tcaattatct	gtccggcaat	gttgacagct	gggacgatgt	gcatgcagcc	tcggcacagg	360
gacgcctagc	cttcgtctct	gacctcccag	gatcagttcg	ttatctaaag	tctacgcttc	420
ggggcctggg	cagctgggct	ccgcactatg	tggttgctgt	tattccggca	aactgtgacg	480
atgagacatt	aaaggagtct	caaccggatt	ctgcggagca	aactactgat	atcaacttgg	540
ctttgtcgca	cctcgacctc	tgcaataagt	tagagatccc	tacaatagtg	gtcalcacta	600
agatggacct	tgcgtctctc	gctaacctga	aacaaaatct	tactaaagtc	ctatcggttc	660
tgaagcttct	cggcaaaagg	cggccatact	gcctgtacaa	tcangcagtt	ctgagggttc	720
actagaacct	gcaccacgtc	ggaccgaagg	acaatgtgga	aat		763

<210> 5433
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5433						
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gctgaggaga	gaaacgcatt	gtggaaggca	gcggtgcaga	ccctggcaaa	attccatcga	180
gtcgatccca	agtcagttgg	tctggaaact	tccggaaagc	cgctggggta	ctatgatcgg	240
cagatctcca	ccttctcaac	ggtgtccaaa	gcgcaggtc	aggcggtcga	cgttgagacc	300
aaggagccag	tgggggaact	tccgcacttt	atggagacgg	tgcgcttctt	ctcgaacaag	360
tctactcagc	cgaaggatcg	cggcacgcta	gtccatggcg	attacaagat	cgacaatatg	420
attttccata	agactgaacc	ccgcgtcatc	gggtatcctgg	actgggagat	ggctacgggtg	480
gggcatccac	tatccgactt	ctgcaacctc	acgagtcctg	actatctgga	tggcaccgac	540
cacacgaccg	accagttcca	acctggcccc	atacctgnat	tgcccaagcg	tgaggactgc	600
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<210> 5434

<211> 1040

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1040)

<223> n = A,T,C or G

<400> 5434

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gatctgagcg	cttctatccg	actccagcat	accattcgag	aacgacacgc	aaactgatca	180
tcgctaagag	atggctgttc	catcggttcc	ttataagagg	aagggtggcg	ctctcgtaca	240
atgataagat	caatgaatat	cttgggtcccc	tgagggcttc	acatccaggt	accgcacgtg	300
atatatgtcg	acatatcggt	ccttcaaatt	tgcctcttaa	gattctcata	gatgtcatca	360
ccagaagtct	tgactatttg	aagactccgg	tgtagggtgat	ctgcgccatt	tcacgacaaa	420
gaaggcatat	ccgctgggtac	agatcgaatc	ccttcaacga	caacatgggg	gatcttggcc	480
accccgctga	tatctcctcc	gtgcctttcg	cacaaagccc	catcatcatt	ttgggtgccc	540
gaattattgg	ttgtgctgcc	gcaagacaac	ttctgcttaa	tgggttctcc	gtagtcttgg	600
tggccgaata	tctccccgga	gaccagagta	ttttctatgc	atctgcttgg	gccggagcag	660
catggcatgc	ggctgggggc	attagccctg	aataccgata	ctttcaagcg	atcacacatc	720
gccatctgct	aaagatggca	caggaagacc	ctgagtcagg	ggtctgtatt	gtggacacac	780
gcgagtatct	tgaagacccc	ccgactgaga	actctgcgat	ctgggggaag	actgtcgtat	840
cgaagtttgc	tgacctaaaa	cctggtgaat	atccccctaa	tttcgcttgc	gggtgggcat	900
acgataccct	cgtaaccgac	ccaacgcgcc	atatgcctta	cctgggaaag	canatcaagg	960
cgcctggggg	tcagttcatt	cggaaaacggg	tccaatctct	tcaggagctg	tacacaatgt	1020
ttcccgaatc	gagcatcttt					1040

<210> 5435

<211> 710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 5435

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tgtcattcac	ggggcatggc	atcaccctga	attttatgcc	ccgttctgca	gggcgtttga	120
agacttgggc	taagaagcag	tctgtcctcg	cctttctaacc	tgcaacaatg	atgtaccccc	180
gacgaagaca	ttggrrggatg	acgtggcgct	catccgacag	acggcacaagt	cgctcattga	240
cgatgggaag	tctgtttgtc	cggtcatgca	ctcctatggc	ggaattgttg	gcactgatgc	300
cctagacgga	ctggcgatca	aacgtctgat	ctacatgact	gctttttatac	ccctagtgg	360
caacagcctc	gcgggtatgt	tcggcggcga	attgcctcct	ttcataacaa	tcgatgatga	420
aaagqgggatg	ttgactgtcc	ctgaccacgc	gacctttttt	ttcaacgacc	ttcccgcgtga	480

ggaagccgct	gcatgggcca	agaagctagt	ggteccacca	aaatccgccc	agttcgaccc	540
gatctcaaac	gaggcgatc	gcagcatccc	cgccacatac	attgtgtgcg	aacaagatgc	600
tgccctcatt	cccatgggtc	aggagatgat	gatcggaaac	gtgcngaacg	tgggagtgga	660
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<210> 5436
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(691)
 <223> n = A,T,C or G

<400> 5436						
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ttcctcctct	tgtcttatcg	caatccacta	ccttatgcc	attctctttt	ctgctcctat	180
cttatctctt	tttccttate	ttttgagcta	agctgtcggg	ttgcgctccg	aatacttta	240
acctcacatc	ttcgtgtctc	ggttggcctc	gcaatcgcca	agatggggct	gaacgaggag	300
aaaaccacaa	agcttgaacc	ttccacctcg	ggtagggcg	gtagtattca	tgtcggggag	360
agcatgggga	ccctgcctcg	ccggcttggt	aaccgtcaaa	tccagctcat	cgccgctggt	420
ggctcgatcg	gcacggccct	gttcattagc	attggcggtg	gtctcgctaa	gggtggccct	480
ggcagcctgt	tcattgcta	caagctntat	tnctgcattc	tcggactggt	taataactcg	540
atcgctgaaa	tgaatacgta	tatgccgggg	tcagggaagct	ttatccgtct	tgggtggctac	600
tgggtggacg	acgctccttg	attccttccc	gggttggaat	ttcttcttct	atgaaacttt	660
cctgaatcat	tttgagaaca	cggcacttca	g			691

<210> 5437
 <211> 1101
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5437						
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gagttgaaca	agcttctcga	tgtctgtcgc	aaacaaggct	tcttctacct	ggatcttgtct	180
ggttccaatg	tgtctcatgg	gctccatcag	cgactgaaag	ccctctcttt	gatgaaagat	240
tggtttgacc	gtcccaatga	ggagaagatg	aagcttcaca	aggattcagt	gaccaatgga	300
tacaagcctc	ctggtacatt	gagcgggtgt	gtcaagcata	tgaaggacgg	atttgagaac	360
atcaagctac	cacgggacaa	cttcttgggg	actggcgact	ctcttctctga	agtattcaag	420
aatgacaaaq	aggtctttcg	cgacgatctg	gagatattcc	acggcgctac	attgactatt	480
ttgtcgtgtc	tgtctgatct	gctccagcca	cctgtgcgac	tcgaggatta	tcatacaggaa	540
aatatgtcct	cgcagtcac	catgatgtac	ttccgctacg	ccaagcagtg	cgcagacaag	600
tccagtgggtg	tgggtcacia	catgcacacc	gaccttggga	ctctgactct	cctttactgc	660
gagcaatggg	gtctccaggt	ctatgcgcag	gccaccaaca	gctggaaata	cgteccaaccg	720
cgaccagggc	tgtatgtcgt	gaatgtcggg	gatgcgttgc	ggttcttate	aggaaatgat	780
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gtagtctcgc	ccctgaactg	gcattgaccag	aaatacaacg	tgttcaagag	agcgcaggtg	960
gagcaggaaa	agaacaccat	tcttaccgggt	ggcatcggtg	ccttttaaaag	ggagacgtcc	1020
ggttggtgtg	tgataggtcg	cttagctata	gatcagtgcc	attgctgcgc	taagacctaa	1080
aaggttaacg	agaatttcca	c				1101

<210> 5438
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 5438

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agagatacat	catattagag	aagtttccaa	gcccaccatg	gcccttccgt	cagcataccg	120
cgagaacctt	gagggcgac	tagacctag	ccgccagaaa	ggtcaggctt	tcaagcttac	180
agcaccagct	gacgagcttg	gttgtgttga	cttcggctca	aataacaccc	tttcccttgg	240
tgggagcgca	gcaacacgag	aggagtttct	cagagagctt	gcgcgaaatc	ctaactttgc	300
tattgggacc	gggggcagcc	gtctcctagg	cggaaccact	cgatatattg	acgagctcga	360
acgagacttg	gcccactttt	ataatgcaga	cgagggcttg	attttgccct	ctggatatga	420
gggcaacggt	gctattcatg	cgacgctccc	gcagacggga	gatgccatta	ttcacgacgc	480
aaagattcat	gccagcacgc	gcgatggcat	gcgttctcca	aaagcacaca	tcatacgacc	540
atctggcgac	aacgacccac	aatccttgta	cgacgttctc	gaagaagtca	agctattgga	600
gacagcanta	gcccgatggg	ccaataccgt	cttcgngacc	atngaateca	tctacagcat	660
ggacggngac	nngtgcgctc	gtggct				686

<210> 5439

<211> 852

<212> DNA

<213> *Aspergillus oryzae*

<400> 5439

cctggaaagg	gtaagctgta	cgcccggtggc	gacagcaaga	tcttccgctt	ccagaatgga	60
aagtccgagt	ccctcttcc	ccagcgcaag	aacccccgcc	gcctctcctg	gactgtcctc	120
taccgtcgcc	agcacaagaa	gggtatctct	gaagtcagta	ccgccaaagt	ttccccatgg	180
ttgaagttgt	ttctttgggt	ttccgggaagg	gtccgacatg	tggggacttg	agttgggtcc	240
ggtgatggaa	catggacatg	tcaactagca	cgatgcggaa	acatcgga	ggagccggga	300
tatatctgca	ggtgacgaag	cgttgggaca	ggatcagaaa	tgctgacggg	atatctttca	360
atgcatacag	gaagtcgcta	agaagcgta	cgcccggtgc	gtcaagtccc	agcgtgctat	420
cgttgggtgt	tccctcgacg	tgatcaagga	gcgcgcgaac	cagcgccctg	aggcccgtgc	480
tgctgctcgc	cagcaggcca	tcaaggacgc	caaggagaag	aaggccgctt	ccgagaaggc	540
taagaaggcc	gagaaggcca	agaacgctgc	cgccggcaag	ggtaccgccc	agcgcatcca	600
gagcaagcag	ggtgctaagg	gctctgcccc	caaggggtgc	gccaagtctc	gttaaaccga	660
atagaagcgg	tttggttg	gctggggagt	atgaaggaat	tggggaggct	tctggagctg	720
gaatttggt	ttccttcaca	aaatttatgc	aataaatcgg	cgtatgtgct	atggtttctt	780
gaggacgaga	ttcccgcacg	gctctcagat	aggctctgtc	aatgtgcgcc	atgggtattta	840
cccagaaatg	gg					852

<210> 5440

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5440

gggagatcaa	ggctccaaga	gacagtggtc	tggtggggcc	ctcattctat	cgtgctccga	60
gcccgtgtac	agagcagata	ttagataata	cctctaggca	atggcatgct	cgtccaagct	120
cgggctcaga	gacccacggg	ccgaaaccaa	acccacacaa	cgaqcccgtc	gatgtgattg	180
acggagggct	tgtgagcgcg	gpcgtggcat	cggaagcttt	caatagatat	gtgaaacata	240
tgggcgcacca	tatcccgatg	gtagtctttc	ctcctggcac	caagatggca	gacatccgga	300
agarcaaaac	ggtgctttct	catgccatta	tgcctacagc	cgtgggggct	atccagcctg	360
gattacagat	ttcacttatt	gaagactttt	acagggtcat	tgcggaaccga	gtcgttgtga	420
aaggcgaaaa	gtcactagat	ttaattcagg	gacttcttgt	gacctgcaac	tggtatatcc	480
cggcggaaca	ctttgaagag	ctaaagtctc	accagttgac	tcataatggct	gtgaagtttag	540
ctatggatat	cgggatgtac	cgtaggccga	tgcacaaaag	tgttccatgg	accttggta	600
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catgggttggg	togta					675

<210> 5441
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

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acaagaaaga aagactgatg tcaacactca gatagaccgc accaagcgga cacatgtatc      120
tgccaagact accgcagatg atgacaaggg aggttttgatt agcgacgagc aagctaacgt      180
tcaaaactgga gctgaaqacc gaaaagacaa gagtgaagac gacagcgata atgagtctga      240
tgattctgac tccgatgacg aggaagagga cgaqgtttcct gtctcacacg aacttgctct      300
taaaactcat gagcgcgccg taadaactct cactggtggac ccatcaggct cgcgtttaat      360
cacagggtca acagattgta cgattaaact acatgatttc gcttcaatga ccccttcgac      420
ggtgcgcgcc ttcaagtccg ttgatcctac cgcgaagaaa cagtccgctt tgcangaggc      480
gcacgccctg cattatgctg cgttcaatcc cctgtcgcca ggctatgtca tggtcgtttc      540
tgntacacc cagccgagaa tctcgatcg cgacggcgag accattactg aattcatgaa      600
aggagacatg tacttgagag atcttcata                                     629
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<210> 5442
 <211> 547
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5442
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cccggttagc tgcacctcca agggcgatgc cgcacatcgaa aagaacccaag gcagctttctc      120
ctccgcctgg ggcggtatct cttctgtcgg tctgggtctt ccaatcctgt ggacggagct      180
cagccgcggg aagggtctca cctctgtctc ggaggatacc aacaccaagc gggccctcca      240
agacattgta cgctctgtgt gtgccaacac cgcggcacag gttggacttg agcgccagaa      300
aggtgatctc gtccccgggt ttgacgcgga catctgtgtc ttcgacgact ctgccgaatg      360
ggtcgtggag cctagcacca tgctcttccg gaacaagtgc tcgccgtacc agggtcgcac      420
cctgcgcggc atggtccgtg agacgtggct gcgcggcgag aaggtcttta gccgagacgg      480
cggcttcagc aagaagactt caaccggcca attgtggtag agaaaacggg ttggattctt      540
tccattg
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<210> 5443
 <211> 809
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

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<400> 5443
cttacttgac tctcacgcta aaacggcact ggagacaaag caagtcttgc ctctaccaca      60
atgggggggg caaagaaaac cgtcaatatt ttccagctca aaaacctggg cgatcccaaa      120
caggtctaca actggagact atggtcttgt gtcactctct tcgggctcat gggcgtgct      180
cggggtgtgg atgagggctt gatctccggt gccttcaact ccaaggactt ccagagaacc      240
atccactacg attcgtaacg taaagtccag cagaccaaca tcaaggccaa tgtctcggcc      300
atggtccaga ttggctctgt cggcggtgct ctctttgctt tcttagtttg cgatcgcatc      360
ggcgtctctt gggtacccg tcagctctgt gtctgttgga tcgttggtat tgcctatctc      420
atgggagcta atggtaacct gggtgctatc tatgctgggc cgtttgttgc cggttggngt      480
gtongtcaqa cagtttgtgt tggccctgtg tatcttgcag aaatcgncn cgcacagtc      540
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cgtgggtctct	gtacctgtg	tgtcacaggc	ttttgctacc	tcggtatcgt	ncttgctact	600
tnnacactan	ntgctgcaag	tgaaccttga	gacacacaca	caagcgtttg	gaagtgccca	660
cccagttgca	caatatcttc	gcggccttat	ttttcctcct	ttctttaccc	agaccagtcc	720
cctngtttac	tggccaagaa	aggaaagttt	gaataggcct	ttgaggaata	tgtcgcgtgg	780
taaaacattt	tccggggcac	cccagatcc				809

<210> 5444
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 5444						
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cactcgtccc	aattgaccat	gcggtcgato	ttttcgggtcc	tgcaacgggc	cgcagcaacc	120
tcattggcagc	cgccaatcgc	cgcgctcgatt	cggggtcccc	ggatggcggt	caagctggat	180
tcgatttgcg	ccagatgtcg	tcgtcaacag	attcggtttt	atagcaagca	gttggcggat	240
gatccacgat	ggttgctcgg	tgtggatcat	cctgcgcaaa	ttgttcgtac	tggtcgtaaa	300
catggaccag	gtttgattat	cttagctcta	atccctatta	tctcattcgc	gctcggcacc	360
tggcaaatcc	agcgtctcga	ctggaagacc	aagctgatcg	caaaatatga	agaccgactc	420
gtcaaacctc	ctcttccgct	acctccacag	atcgatccgg	atgccatttn	cgaatntgat	480
tatcgacggn	nttacactac	ggnactgttn	cgacatgacc	aagagatngc	tcgtgggtctc	540
gcatgccena	ggtgaggatg	gttcacgtgt	gaaccccntt	ngnaaanggg	atgaaaacca	600
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<210> 5445
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5445						
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gaagttgcgc	gatgcgggta	gcattgttcc	tccggagtcg	gattccagca	agctcctttt	180
tgagagtaag	gatgcggagg	gcaagagggg	tatccatgct	actcggttcg	aggctcagtt	240
gcatgttatt	cattccaata	tggagagctt	cactaaggac	ccggtgagcg	atgagtggcc	300
ttcgttcaag	gagaagttca	atgtggacaa	taagaccact	gaaatcgctg	ccgatcttga	360
gaagtacct	gagttgcggg	ctgccatgga	gaagctgggt	cctgagcagg	ttgattatgc	420
aagcttctgg	tgctcgttact	atttcctccg	actcgtcatt	gayactgaag	agcagaagcg	480
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ctccgatgat	gatactgatt	cgccgtctac	tcctcaagct	aaagttgaca	ccaacaaggc	600
caacggtcgc	cagggctctg	ccaccgcttg	ctccgatatc	aaagcattga	aacccaatga	660
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<210> 5446
 <211> 703
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5446

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agctgctgat	attctgtcat	tgacgttcga	tgcgaagctt	tgacaaccat	ataactgaaa	180
cgctgtcgca	ctcgctacgg	tttttccttc	gcctgcctgc	ttcagactct	tttaacgatt	240
tcttgcaaac	acctgatcta	ccttcaggag	cacctatccc	accccacccg	ccaattattg	300
aagttgaaca	catcggaaca	agcctttggc	ctagtatcct	gatttccttg	ccagttcttc	360
cctttctccg	tttctcacgt	gggtttaagt	ttcagcgcca	tgtttttcc	caaggaagag	420
accaaggtca	tcacgttgca	tccgtcctat	tttgggcta	atgtgcgaga	atatcttata	480
aaccggctaa	accaagagga	ngaangaacg	tgtacgggag	atcacttcgt	gatttgtgtg	540
atggacatgg	taaatattgg	agaaagtcgg	gttctaccta	acagcgggca	agccgaatcc	600
acaattaaaa	tcccgaactt	atTTTTTgga	aaccggtttc	cgggaaaaga	ccgtcgattc	660
cattggtacc	gtctggtaaa	cccaccggaa	attcttacat	tgg		703

<210> 5447

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<400> 5447

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tctaaaacaa	gccatgttga	cgacagagct	gtccgaggcc	gagggttcgg	cgcttagagc	180
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<210> 5448

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5448

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attaacacca	ctgttcaaga	gcacaatgaa	tctcgaaacta	ataaaacacc	cctccttcac	180
accaaggcat	tgattggcgc	aggcagctcc	gaaacaggat	gatttgtact	agggcaagat	240
tgatcggtgt	ggtaactcta	gcattgatcc	tactatlyct	gtcgtcgtct	tcactgctca	300
ggcttttacta	cctcctgcga	ctaccgttcg	tatggaaaagc	atcttcggcg	gacgcgatca	360
tatcccaaga	atacgcagac	tttgacgtca	cattcactga	ctacgatgca	aactactcca	420
catatgccac	aggcatacga	ccatacatat	caagaaggat	acaccatata	cacctagggg	480
cgagctcacc	tccgaaaaat	tggttggtatg	ccagagccga	gtgtctcaaa	caccatgaat	540
tctggggaggc	ccatcttttg	acggacgaaa	atgcagatag	cttcgttcga	gacaactatc	600
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<210> 5449

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 5449

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cctgcctcgt	gaaagtcggt	atatcatcgg	cggatgctc	aagggtgagcg	tgaaagagcg	180
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tccgagccct	gcagtggcca	gtaaggccaa	ataggcctat	tactcttaat	accaattaat	360
actcttcatg	gtccaatctc	caatccgaga	cctttgtttc	tattttgctt	cgtcgcccc	420
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acaagcgt						668

<210> 5450

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5450

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tcattccggc	cggatacatc	atcagtagtc	agggatggcg	atgggtatgg	tggtggtgtg	180
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taatgagggg	ttggtgggca	attttggttc	caaacaaaac	ttttctattt	tgggggaccc	600
cccgcacaaat	ttttaattgg	gggggggggg	caaatttaaa	tttgaccatt	tatttggggc	660
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<210> 5451

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<400> 5451

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gacgcagccc	ccaaaagagga	cgtaagaat	cagaaaagaag	ccgagacaga	cttcgaggat	600
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<210> 5452

<211> 1132

<212> DNA

<213> *Aspergillus oryzae*

<400> 5452

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aaacaaattga	aactatlgagt	ataataaaaa	ataaaataat	aagcattgaa	aatgaataat	1080
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<210> 5453

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 5453

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<210> 5454

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<400> 5454

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<210> 5455

<211> 998

<212> DNA

<213> *Aspergillus oryzae*

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<210> 5456

<211> 722

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

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gatcggaaaa tattccatt ggcgatcttt taggctgcca cattggactt tgggtggggt 660
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<210> 5457

<211> 1008

<212> DNA

<213> *Aspergillus oryzae*

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cgaataaaga tacaaataat aatataccga ttaagtaca tagcaagcag catgatataa 300
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gatgaagagg cttttgtgcc tgtggcgaca tcttcgcgt ctgaggtgc ggctggggtt 480
gaggggttggg attgcacggt gaggtatttg gctctgagac gggcgcgacg gaggatgaag 540

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gcgtcgtatt	cgcgcccaac	gcgacggagg	aattcgagac	agattactag	gaggatgacg	600
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caggcgtctt	tgacgggtcca	gttccataac	attgagatct	tgcagctgtt	tgagccgccg	720
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cgggtagtac	tggataccca	gtcacggcag	tgctgaacaa	atctactgaa	ctggacttgg	960
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<210> 5458

<211> 551

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<400> 5458

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<210> 5459

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 5459

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<210> 5460

<211> 1691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5460

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<210> 5461

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 5461

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gcgagaagtg	gcaccccccg	tagggacatc	ggaatcgggg	gttcctttgc	tagaagaaat	180
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aatgcttttg	caagtctgca	gcccgggtgac	ttggtgcagc	tggccattga	tattccaaaag	300
gagacattcg	tccttgcctg	ggtagagaa	gggactgttc	ctagctccgt	cgagtcgcac	360
atctctctcat	cttccccacg	ttatacattt	tatcattatc	ccgacactga	cgtggtaatc	420
ttcgtctata	cttgcccgtc	aggttcgtcg	atcaaggaac	gtatgctata	tgctagtctc	480
cggatgtacg	ccctccaaat	ggccgaggac	caaggcctga	agatttctaa	gaagatcgaa	540
gcctcttcgc	cagacgagat	cacaagcgac	aggctgcang	aagaagtgag	cccgnccaaa	600
aacgacggac	tcaaccgtgg	attcgcaaga	ccgaaa			636

<210> 5462

<211> 1149

<212> DNA

<213> *Aspergillus oryzae*

<400> 5462

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cccttgacgg	tatattatct	cgtgaaaaaa	acacatccca	cagtcaaaaat	gggtttctct	180
gcbaccacca	ttgtctctct	cgcgggcctt	gtgcccgcga	tccccaacgg	cgagggtccac	240
accgtctacc	agaccgagga	tgtgaccatc	acctcttgcg	ctcccaccgt	caccgactgc	300
cccggcgcgc	agacctccac	tcctgaggggt	gttgagcctg	tcaccactgg	ccccgctgtc	360

actgagactc	ccattgctca	gacctctct	gctgaggttc	ctcctggtgc	cgagacctcc	420
tctgctgagg	tccccccgc	tgtccctacc	agcagctctc	ctgttatccc	tggagttccc	480
agcagcgggtg	ttccccctgt	tccctccage	agcagccccg	tcatectca	gcctcctaag	540
cagcctagcc	agggcaccac	tgtcatcgct	gtgaccacct	gcacccccac	ggtcacctac	600
tcgaccatca	ccgggcccgt	tggcaccccc	aaccggtgtc	tccccggca	agagctcttc	660
cgctcgctgtg	atcggtaccc	gtgcccttag	cggcagcgct	acccctctct	cctccggccc	720
cacctctctc	ttcacgggtg	ctgccaaac	cgctggccag	tccttcggcc	ttgccgggtgc	780
cgcgcgcgc	gccgctttct	tcctggccta	aattcccttc	ttgtcaatag	tgtagccccg	840
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gaatgatacc	agagttggac	ggggtttgtc	tttagctttt	gtgtgggttt	ggggagagtt	960
aataccattt	gacttcttat	gcttcataat	tgactacata	ctctttatac	ctcttttttt	1020
tccttgatta	tacttcttgg	tttggtctct	ggattgcttc	gaagttgtga	agcagtttgg	1080
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aaaattcct						1149

<210> 5463

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 5463

gaggggtgtga	cagcacctga	cgcgtggctc	aaacttcact	gcgacaaaaa	gcggaacttc	60
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agccctgcga	caccaatagg	cagccttacc	gggctcgaag	atcctcactg	gttcaagttc	180
ttcgatgggtt	cacttcccag	tcggattctg	ccatatatgt	atctcggcaa	tctatcgcac	240
gcaaataatc	cagaaatgct	gtgggctctt	ggcatcagac	gtatttttaag	tgttggcgag	300
tcagttacgt	ggactaattc	cgaggtggcc	aagttcggcg	cagaaaaacat	tatgcacggt	360
accaggtcc	aagacaatgg	catcgaccca	ttgactcagg	aactggaacg	ttgcttggat	420
tttgtccgga	aagggaagaa	ggacggaacg	gctacttttag	tccattgccg	agtgggggtt	480
cgcgatcagc	gactatttgc	atagcagaaa	gtatggcacc	attaggcctt	tcgttcccag	540
agcatattgt	ttcgttcgcg	caacgacgct	aaatgtatta	tccagccact	ttgcgtttgg	600
ctacggctcc	tgaatgggaa	gacttgagtt	gagaagcaga	acagcctcaa	aagaga	656

<210> 5464

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5464

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tttccatttg	tcttagcttt	attgcctgag	gctctgggat	acactacagc	ttatgttggc	180
aaatgcgato	tgtgtatcca	accggaatac	cgggtgaggag	tgtaacctcc	tggtgtgggc	240
ggctacggta	gatgagctcg	gtgactgctg	catggctgtg	tttaggtata	taacgctgct	300
gacaggttcc	atggatacct	ctggatcggt	ttgaagaatg	qataaacggc	agggcttgcc	360
ttctgtccct	tggacctgtc	ctctcattac	aatttgcctt	tttcccttct	tttaacata	420
tattattctt	ttttgtataa	tattcgcgca	atgcaccatc	tcggcaaaagt	tttgacggct	480
ttcgcgggct	gtgcaggcct	gggcgttgc	gcccctctct	cggctcanat	aacctctaga	540
gaggttttgc	cgaattcct	ccaacagctc	accctatagc	cacagtatgc	ggcagcagca	600
tactctctct	ccaacaccaa	ctccccgaat	acaaagctca	cctgctctgt	tggaatttgc	660
ctcttcttga	gggagcgaac	accaagaactc	ttgctgagtt	tgaagacaa	aaagccttt	719

<210> 5465

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 5465

ccattgtatt	ctgacaatct	acttatcagt	ttgtcactag	gtggcaatct	gaattacctc	60
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ttgacacagt	cccaccatgg	tagcgacaat	ggcacactgt	gggctggcag	tttcgacggc	180
agagtctgca	gctgggatgt	gcccactgga	actgcggcgg	aggtggacgg	cgaaagtcac	240
tcggcgtaca	tcgcaggcct	tgcgccgatg	caggaaggca	atggtaaaat	ctaccgcgtg	300
gcctgggacg	acaccattaa	atctattgac	gatgggacta	aaacgtatac	cggaagctct	360
ttcaagttat	ctggacaacc	taagggtatc	gctgcagctg	cagcgggtatt	ggtagggacc	420
tcggagagtg	ttgagaacta	acaagacggg	cagaagatcc	gcgacttcaa	atcttagttt	480
tccataacta	ctgtggcagc	acatggaaac	cacggagcta	tcggggggcg	atgaataaac	540
tgttcaaata	tgggaaattt	tcgggcgcta	ctttgatttc	ttaagacggg	taattaaagc	600
tttttcggaa	tcccggtgtt	tggattgggt	tttcttcccc	gaaaggttcc	cttgtaaact	660
gttgggcaa						659

<210> 5466

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 5466

cttctgtcca	actatctcct	ttctgtaaca	taccttgtac	aaaggctgaa	acgcgacaga	60
acatatcaaa	agtgggaagt	aggagaatca	ccaaagaccg	aaagtatcat	tctcatatgc	120
atggcttttag	agaacatcta	taccccgcat	acccttctga	gagatagtga	agtctctaca	180
tcactcagac	ttgtatataa	cattgaatcc	atcacgtctc	ttcgactcta	gccctccacg	240
ccagcatgcc	ttacatcatg	gaaatctaca	ccgacgggtg	ctgtagacgc	aacggacgat	300
cagatgccat	cgggtgctgca	gccgtcgttt	tcaagaacag	atttggaaaa	tgcaccggtt	360
ggacacgctc	cttaccgcga	tatccccccac	ccacaaacca	gcgggctgaa	atcacggcta	420
tcattttttgc	gctggagaaa	gccctggaca	aattcgagag	gctggacaca	aatccatata	480
tggagggtcaa	gattctattca	gattccagat	atgcgattgg	gtgtatgaca	aagtggatct	540
ataagtgggc	aaacaacgga	tggaccaatg	ctgctggcaa	cgaaattgcg	aatcgggata	600
tgattgaaaa	agcttctgct	cttgatgata	gattgaaaga	ggaa		644

<210> 5467

<211> 723

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 5467

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cctggcctgc	gagctgaaga	gagaattctg	gccgcgggaa	ttacaacggg	catggcgcag	180
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ctcaatgagg	gaaagccctt	cattggtagc	attcctccta	ccaaggacag	agagctcaag	300
tgggtggggtt	ctaagatttt	cactaacacc	cgagaggtac	tacccgggtg	ttataatctc	360
tggccccctc	ccacattoga	ctacaaccag	tgggaaggtgc	ctgggcctct	taagcaggac	420
attgtttgagg	ccaggaalct	atgggtatgg	ccgcgcagcg	cagattggaa	gatgacgaaa	480
cacogaattt	gctgggacgc	tttcaccact	acctctgatt	ntatcatttc	tctcactct	540
gcctccaagg	gtctctacat	cgcacattgg	tggttcgttc	cacggcttca	agttctttcc	600
cgtgctgggr	aagtatgtcg	tacagatgct	tgagggcgag	ttagcggcag	atltgatoga	660
gagatggggc	tgggatcggc	agcgtcctga	tttgtcccaa	aacgttgaqt	atccccacgc	720
tgn						723

<210> 5468

<211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

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tatctttacac cacctccact caccataacc gtaaattccc cagctccgct gccttgggga      120
agaacgcgac ctgcgcacaa ctagaatttt ttcaacact ttctgttccg ttactatcca      180
acaagatgtc tcacgaggag gatctcattg actactccga tgaggagctt cagaccactg      240
atgccgcagc taccactgct gctcccgccg caaatggcga cgcgcgcaaa aagggcgacc      300
taacggtttc tgggtggccg cccgacaaga agggaagcta tgtcgggtatt cactcgaccg      360
ggttccgcga ctttttactg aaggggagaac acttacgtgc catcacccgat tgcgggtattc      420
aaacaatcat cgtggccccg tcagggttaca ttctgacccc tattttcaat gtaataggct      480
tttgcgagcc atcagttgat atatgtacac tccgcattct cagtacgtgc atgcgatgac      540
gacggatatt gattactgta tgatcatcat catcacgata gtgacgatgt tgtactttca      600
cctgaagaa aatgatgatg attttctggt qqagaagctc ttgacatctc tgttgatagt      660
atcgctcgac acg                                     673
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<210> 5469
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5469
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caatggggca cccaacgcgg cgtcatcggc cgcgactcat tcttccatt cgcttcttgt      120
cgctgtgtgc tacacccgcg tcgagcaccg gtctgcgctt gcgcaaccaa cggatgata      180
ttttgtcgcg aatgcgccat aaatgacctc ctgcgccaac gacaggagat taagcggctc      240
taacgaaaac gagaggaggc taataaacga ctgcgataaa aagatgagcg gacgttggaa      300
aaagcgcgtg aaccggaact gcgccagttt gagctcgta gtatgggatt ggaggtagcg      360
aaaaataaat ctttcgggca agcgcgaaaag acaattctaa aaacggaaaag ctgaagaagc      420
ttccgaggca ctggctgtgt ttatagcgag ggaaatccaa atggaccggc agccaaaaaa      480
agtgtttgaa ctggattaaa aagaaaatgc accgggttgc tcggaagagc aagaccggtt      540
taaccacaac ccgaagaaaag aaaaatctga attcaccaga ctgcccagcc gcaatttttg      600
ggggcttttg tgcccccaac aacccatcca atgaaaatat ggccaccaag gcggccaaat      660
gaatccccga tggccccgg                                     673
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<210> 5470
 <211> 702
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

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<400> 5470
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tcgaacgcgg tcaacgtacg cgaatgttcc agactaaacg tattcaccaa cgtatacaaa      120
gcctaagctg tcgaaatggc tatgaacgcg attcagctcg gccttcgggt gtcggagttc      180
ctatggaccc tgcctggcat ggccctcggt ggtaacatga tcgcgcattc atttagcgga      240
aacctctgga ccgtcaacta tgcctatggt gtgtcggcat ttccatggt ctcgctgttc      300
tacttgggtg cagcgtcctt taatctcgac tgggcgatac accgatcat catgatcgtc      360
ttggacaact ttaatgcgat tttcttctct acggccggta tcgcattggc cgcctaggctc      420
gaggcccaaa gctgacgaaa caacgaatac actctcaaca acgagattac caatggctcc      480
gtgcaccgcg agaaacgttg ccgtgaggcg cangcatcca ctgccttctt ttggctcgcc      540
tgggctggat acacggcttc catcgccctt tcactcttgg gccgcgcgcg atccgtcaac      600
cttcgccccg ggacgggtcc cgcgcgtgga gcccgcccca gcatggccca ngtctaaaga      660
gaggaaacct anggagtagg gatctacnct gccaaacttg tg                                     702
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<210> 5471
 <211> 660
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5471
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 aatcgccatg aagtggctta tatgtgtcct tgtcgtgctc ctgctcagcc tccaagtcaa 120
 ggcacttcct catgaaagcc tagaccaaag tgatccagca ccactttcag gagtgcgagg 180
 caagcatgaa atccccatca atggcgatcc caataacctc ccacccttgc tcccaatacc 240
 tgatccagcc acacccgacc tggtaaccag tctcccaata gaaggcggat acggcatctc 300
 atacgcccc tacaacgatg acggcacctg ccgacccctc gacggaatca acaaagacct 360
 ggacaagata agcgaacatt atagctacgt ccgcatctac ggcgtcgact gtgaccagac 420
 ccaaaacatc gtatccgcag ccgcaccaac caatctccgc gttttcgcgc gctcttttga 480
 cutgcagaac tccccaaaca gctcgaacca aatcatctcg gcagcagcag gagactggtc 540
 cacttttcac accataata tgggcaacga actcgtcaac aaaagccaaa atccgcaaga 600
 cgtagttacc gcgtacaca ccgcacgtgc caaaattcgg gcaacatgct ccaaaggccc 660

<210> 5472
 <211> 304
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (304)
 <223> n = A,T,C or G

<400> 5472
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 gtcccaattg gcttccctga gactccagat tgactgcgaa cacattcacc aaccacagat 120
 ggaccgcgac cagtttagag ccgctgcgca cgcaacggta gatgacatta tcaactatct 180
 tgacagtgtc cccgaccggc gtgtctgccc caccgtcact ccaggctacc ttcgtccctc 240
 catccccgag caacccccca cagaaccgga agaattggtc caaatccagg ccgatgtcga 300
 cacn 304

<210> 5473
 <211> 1255
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5473
 taaactcccc attccatcca tttaggacag gccggatacc tacgtcgtct aggtttctgc 60
 cttgctcgtc ggtttctccc gccctttttt cgtatcgaat tgctgcgata acggagagcc 120
 ttccccggaa ggccccctat aaaaccagac gtcattggcg acgtccggtc caagaacctt 180
 tacgagcttc ttggcaatga tcccagattt gaccccgaca gacccccgc tctcccaaca 240
 aaagctatcg acaagcccgc acccctgtga ggcaagcgtg acgcccccaa ggaggctccc 300
 agccagcccc gtgcgggcca gaactctcgc cgttgtaact tctctggcaa tgaggccgct 360
 ttccgtgaac gcaacgctgg ccgcaaccag acccgcgaga agcccaccga tqagaggga 420
 ggtgggtgccc ggcgtggggg acgtcccccgt ggcgacggtc agtcccgcc ccggccagacc 480
 gacactggaa agaaggtgaa ccaaggtcgg ggtggggcag agcggcgaga aggaattgga 540
 ccatgagcgc gcgggtgaga agatcgccca ggccgacgag aacgagcccc agactcccgc 600
 cgaggaggcc gagcctgctg agaaggccaa gtcgtataac gactacctcg ctgagaaggc 660
 cgtgcccgtt gaattcagcg ccaagccccgt ccgtgcccgc aacgagggca ccaaggtcga 720
 ctccaagtgg gccaacgcca aggaattcaa ccatgaggag gacgagaact acatcaaggg 780
 tctctctgaa aaggccaaag gtgagaaggc tcgcaaggag aagaacatcc ttgaggtcga 840
 catgcgcttt gttgaggccc ccgctggcaa cagcggctct cgtggccgtg gcggccgtgg 900
 cggacgtggg gcccgctggt gccgtggcaa cgggtccccc agcagagcga ctgagcgcac 960
 cgctcctqtc accgtggaag agaagaactt ccccagcctt ggccggcaaat aaatacagtc 1020

agtttcatag	cgggggggta	ttctaccggc	acaccttgac	accggtccac	tgaaaggteg	1080
aaaacgaaaa	gaatcttgaa	gaaaccctta	cgatgcctct	tcctggaaaag	tgacgtgata	1140
tggattgcgg	gaaatgacac	gagacgaaac	ccttcgggtcc	tcgcatttag	gtttaaaaatg	1200
gccccgatgt	aatttgattt	gaatgtcaaa	aaataggaaa	gtgtgaattc	aaacc	1255

<210> 5474
 <211> 569
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 5474	
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tggtcgaatt	gatgcaggaa
tccttacgta	tcacggtgtg
gagccgatat	tgacgtttgc
acgaccacaa	agaggtcatg
ttcaacgcgc	gcaaggtgat
aatccaantt	gactgggcct
gagtaacagt	gtcgcaaccg
	caagtctctg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	569

<210> 5475
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5475	
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ccgtaatcca	gtatgagact
gcgctggcag	atgtcgagtt
gtagtaacag	cacactggaa
tacgaccttt	atctttgtgc
cttatcaaaag	atggtgtctt
gtttggcggca	acgaacccaaa
catgtaatca	atctctccga
aattttggagg	atggcatttg
aggcaagctq	ctggagctta
gcgcctatgg	ctaaaaagcc
tttccgacta	gcgca
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	675

<210> 5476
 <211> 690
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(690)
 <223> n = A,T,C or G

<400> 5476	
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cttgcccttcg	ttcaattggc
aacagtcact	ctccactcca
	ttttcgtcgt
	ctctagtcta
	ctcaaaggct
	ttaaagttcc
	60
	120
	180

ccagaccaac	ctcaactcga	ctcattttctt	gttcatttttc	acgtctatat	acaacatctg	240
tgaacgacct	tgccaaaatg	agttccctta	ccccctacca	gcgcaaacac	aaggtcacgg	300
tgatcggctc	aggaaactgg	ggcaccgcta	ttgccaaagat	tgctcgtgaa	aataccgcta	360
gcaaccctgc	catcttcgaa	aaggatgttc	aaatgtgggt	ttttgaagag	aacgtggaag	420
ttccaaagac	ctccctcac	tataacccat	cttcgccctt	atgccagggt	cccagaagt	480
taacagagat	aatcaataag	acacatgaga	atgtcaagta	tttgccagga	atcaaccttc	540
ctacaaattt	gcacgccaat	ccctcattgg	aggactccgt	taaggacagc	actatccttg	600
ttttcatttg	cctcatcaat	tcattatcaa	gacttgtag	cagatcaagg	caagattctg	660
ccatatgcgc	gtggtatttc	ttgcatcang				690

<210> 5477

<211> 387

<212> DNA

<213> *Aspergillus oryzae*

<400> 5477

gggaaagggc	acaggtatta	ctgtcatctc	gattgtctca	ggaaataaga	tcggaaaaac	60
gaaagcctac	catggaagag	gagagcgaga	tacttgaaaa	acttatcttc	tcccgacgct	120
caagcgcttc	tgtccgtgct	gacgagcagt	cctgggaatc	tgccgcctcc	ggattgggac	180
caagcggggc	accgtgtgtt	atctgccaga	caaaccacag	ttcagtcatt	acttggccat	240
gccgatgcct	ctgcgtttgc	gaagagtgtg	gggtgagcct	tgcaatgaac	aattttggta	300
gttgtgtgac	ttgccgccag	gacgttgggg	gattcgtgcg	gctgtgggta	ccatagaatt	360
cctttcttcc	aattcaattc	cactact				387

<210> 5478

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5478

ttcttccata	ccattctaaa	gcttgactga	ggagctaacc	atcacaccat	cagagtctgc	60
cttcacagca	taattccccc	aattgcccaa	cogttctgac	aacaaacgga	ccaacaagac	120
cctgaaccag	gtcgaacaat	ttgtctaaga	agaatgtatt	ctcgacgaaa	tggtcttcca	180
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tatgaccaat	gccctccagc	gaggcctgtg	gaacatgata	ctgtccagaa	accacttcta	300
ccatggcgca	ggattcatcg	acctccaata	ctgtctgatg	gccgattatc	tggtaaagag	360
agagttggac	tctgaggcta	cgaataatgt	ttgccgcgaa	ctggaaacat	tggtattgctt	420
gacaagtact	gttcaaatac	cagaagcagc	attgctggcg	cccttgcttg	aacggaaaaat	480
gcgtccgctc	tttcttatga	ccgagcccga	tggtgccttc	agagattcga	ccaacatcct	540
agtgaacata	cggcgtgaaa	gccacccaca	cgtgctctat	ggattcaaat	tgcgcgatat	600
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<210> 5479

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1).....(677)

<223> n = A,T,C or G

<400> 5479

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ctgatcttgt	tgagcgagag	cgtgaaggcc	gtcttagcaa	guttaacgaa	ctgacggcca	180
acgttagcga	gctggaaaag	cttactagca	gttggaagga	cgtgatcgat	actaacctga	240
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ccccctgccc	atttgttcgg	gagcttggtg	ctgtgaagga	actggctgcc	gatgacctg	360
tgggttgaggc	tgcgattgca	tctatcaacc	ctacagcata	ccagcgtggc	attccctcga	420

agtctcagat	cattgaacgt	ttccgcccgcg	tcgctgatga	ggttcgcaag	gcaagccttc	480
tgcctgagga	tgccggcatt	gctagccacg	ctgccagcct	cgtcttgagc	aagggtcatgt	540
tcaagaagga	ccctgtcgcc	cacagcgatg	atggttgagag	tggtcttggt	cgcaactgaaa	600
gcctcctgga	nnaagggcga	ccttgatgcc	gctgcacgtg	agatgaacag	tctgaagggg	660
tgggcaaaga	ttttgag					677

<210> 5480

<211> 1209

<212> DNA

<213> *Aspergillus oryzae*

<400> 5480

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atcgtaactga	tattattacac	tctctgccaa	tatggctcgt	aacgcttttg	cttatcatcc	180
tacnttgccg	nactacttgc	gctttgttgc	aacgactgtg	ggctcgtgaca	agatcctccg	240
tacgctgaa	tacttctcac	gcttttatgc	ctggtaacctg	tatcgacaaa	accgcccgcga	300
gtcctctatc	gacccctaca	atgcagtcac	gaagcagttt	ggaacaacaa	gaaagatcct	360
gaggatcgga	aagtttgccg	agcaactcaa	ggctgcagcc	gttgcaagctg	acaacaagag	420
ccccgtcgac	cctgtttctcc	gotatctagc	tgctcggtcg	cagctcgggt	acgccggata	480
tctgactctg	gataactatca	ccgttattga	cgttatcggg	ttccggaaac	ttgctgcagc	540
caagcgcttg	gcaggatacc	gcctatcggt	cgtggttggc	tggactaatc	tgacgcgcta	600
ttgctagtgt	atactccctt	tggagactgc	gggagaagga	gaggactctc	gaccgcaccg	660
aaggcgaagg	cgctcgtgtg	gcaaagaagc	tcgagaagga	acgctccgct	gcccgcctcc	720
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aagcagatgc	gatatagtag	tcttcgggtt	tcatagaacat	attatgtacc	ttaagagtgt	1140
attatatttg	ttttacctat	ttttctaaaa	aaaacaaaaa	agaataattc	ctgcggccgc	1200
gaattcttc						1209

<210> 5481

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 5481

ccgcccattg	caagacacgt	caggatgggtg	tacggcctat	cggtgaattt	acagctcaca	60
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anctggacgg	cgctcctggc	gagcgcccag	atgtcagccc	atgtatagaa	gaccttccag	180
tcccgggtcc	cgacgccaac	ggactggatg	aagttgatga	attcaaaagac	cgaaagatgt	240
ctttctacga	tgatagaggc	gccgcgcctg	cgacacagtt	cagcttcttt	acatcgcagc	300
tggattctgt	catccattcg	tccaccatcc	agtccttgcg	gtcgttctat	aagccctttg	360
acacgctgct	ggacaccaca	gaacattctg	ggctatgggtg	gctcgatgta	accgctccct	420
cggatgatga	catcgagaca	ctctcgcgga	tcttcgacat	ccatccgctg	actaccgagg	480
atataaaaat	gogagagtcg	cgaaagagat	cgaattgttc	gcccgtatta	ctttttttct	540
tgcacccggc	cgcaagtcag	ggggttgatg	nactcgttct	cactccqacg	tgctccctatc	600
gtttccggaa	ggtggttaac	ttaattttcg	aacagcctaa	ggggtctttgt	c	661

<210> 5482

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 5482

caagatctct	ggaggcatga	tctagctgca	acaccatcgg	tagaagttat	attaccacaa	60
gaccttgctc	gctaccagaa	tgccatccaa	aagttagatt	acagagtttc	aaatgccggg	120

cgctgtcgaa	atcatctcaa	ccgggccgca	aaagttgatt	gagatcgtgg	agccggaccc	180
aacatggccg	gagtcgtttg	cgattattgc	acgccggatt	gccgatgccc	ttggtaatcg	240
acttctctca	atcgagcacg	ttgggtcaac	cagtgtacca	gggttaccag	ccaaagcggt	300
catcgatggt	gacgtactcg	tagctgaccc	cacggcggaa	gactcctacg	tgccagccct	360
tgaggctgcg	ggttttcagt	tcttgcttcg	cgagcctggc	tggtatgagc	atcgctcttt	420
cggtttcaac	gaaccatacg	cgaatatcca	tgtatttggg	ccgaacagcg	cggaacacgt	480
tcgtcatcga	ctgttccgtg	actgggttgcg	caaccatgag	gacgatcgcc	aaaggtatgt	540
cgataccaaa	cggcaagccg	ctgccgctaa	tcgattggcg	ggggaaaccg	tgaacgaagt	600
attccacccg	aagcaatctg	tgatccatga	aaatcctcca	gaaaagcttc	aaaggagcac	660
gggtaccct						669

<210> 5483

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5483

cgttgcagct	tgagcacttg	atgcaagcga	ccaaacttct	tcagttaaaa	aaggctacac	60
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agctcctgaa	tcaatacttg	gtggcgggatt	atgagcaacc	tattaatggg	gagatcatga	180
aagctgtggc	ctctcgtgtc	acggagaaga	acgacgtatt	ggttctgacg	cctgggtgata	240
tggaagataa	tggtcccgac	caaaatggcg	aaccttggtg	tatcaccgcc	ctggagacat	300
acacaccggc	atgggtgtga	acaccacgaa	taaaacgcgt	tggtggaaat	gtgttggggt	360
aaggcatggg	tcaaccagaa	aagcctggaa	tgcccgagaa	gggaagagat	atctcgcacc	420
tctctgtaaa	ccaaggtatt	ggccaattaa	aacatgcgcc	tcttccgaga	atatccgcgt	480
aaaaagagag	atctttggcc	cattttctat	aagatcccg	gcaagtgagg	gagaaatgtg	540
ccttctcgtg	aaacctgtga	aacaaacacc	ccatcctatt	ctgtgtttta	taggggtggg	600
gaactatgcc	ccacaccttt	cttgggaaaa	aatttcacat	ttattg		646

<210> 5484

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5484

acgtcttgat	gaacgccttc	aagaaacacg	gtctagagag	gttcgatccc	agcgagcctg	60
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aggctgaagg	caaggagaac	ggtgatatca	tgtacactca	gagcaagggc	ttcaggctga	180
acggacgtgt	cctgagagct	gccaaggctc	gcgttgtcaa	gaacgactaa	atcaatcacc	240
catacacgca	cctcgacttc	aatctccctt	agacgcaact	ttgccatctc	tcttattcta	300
cctgtataat	ataccagaaa	taccttccat	catgacgagg	aataaccgat	tacggtaatc	360
ccaaccgtga	taccacgtct	tttctctatg	aatgcatgtg	tatgatacac	ccgctatttt	420
gtttgcatac	gatcggaagg	cttaacggtct	gccctccttt	cgtggttctt	ttgttttcgt	480
tttttttttt	tttttttttt	cgtgttcatg	tcaggcgctt	gaaactcacc	tctcaccctt	540
cactatatca	cattatacct	gtataataca	tgcaatgac	cggtcttgct	atcctacaaa	600
aaacggtggg	ctaattggca	atttcttggg	tatgagctac	ttgcacggca	ttggatcctg	660
agt						663

<210> 5485

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (654)

<223> n = A,T,C or G

<400> 5485

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cccagaatcg	ggctttatat	aaatccacag	tagttataca	cctcttatct	tcattcttcac	120
caacaccacc	cgcaacagca	atcacaacca	tggctgggaca	acacgaagct	gccattctcc	180
cccagaaggg	cggctcccttg	tctctttggaa	agcgtcccac	ccccgagccc	ggcccaaagt	240
aggttctcat	tgaagtaaag	gocgttgctt	tgaacccctg	cgatcatttc	cagcgtgact	300
atggcatgcc	tcctgtgcct	atatatcccg	ctatcatcgg	atccgatact	gctgggtgtg	360
tcgtcaagct	gggctcggat	gtcaccacga	tccttgggtcc	aggaagccga	gtcatcgcct	420
ttgcctcatc	attctaccag	aacggctcnc	ccgaccacgg	tgcttttccaa	aagtacactt	480
tggcacaatc	cgaagctgtc	atcccacttc	cagacaatct	ttcctttgag	gaaggcgcag	540
tcttccccat	ggcgtctctg	actgccttaa	ctgcctggga	cacaatcggc	attccgctcg	600
acnacaagta	tactcccgcg	gacanacaag	cggctcctgat	ctggggcgca	tcgg	654

<210> 5486

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<400> 5486

gaccttgacg	atgacacgca	agatgtcgcc	cgggcaacgg	cagaggctac	agtlggggagc	60
aacctccaga	ccaacggcat	tcaagccgtg	gtgcagtagc	attatgaaag	agcgggaagac	120
aatgagattg	agctcaggga	aggtgaatat	gtgacggaga	ttgaaatggg	tgacaaggac	180
tgggtggttg	gttcaaacgc	tcgtgggtgag	aggggtctct	tcccagagtaa	ctatgttgag	240
ctactggaag	acaagccgca	gaattttacc	tcgcccggact	tgcatgagca	caatttggac	300
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ggaaggaact	gaaaacactt	cttttgaaat	tccccaaaca	gaactggggg	tttgggaaaa	480
atccaaaata	aaaaggggtc	tttccaacac	aattattgta	aaactttaaa	agggagtccc	540
aagggggggt	ttttcaaaaa	aaaaggggtt	taagggggcta	gaaaaattaa	acgcgttcgg	600
gtttttatta	tttggggggg	ccaatttttt	tgggtaaacc	ctttgggggt	ttgggtgaga	660
cataaacttg						670

<210> 5487

<211> 764

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 5487

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catcattctt	cgagcaacag	atccagtttt	actcaaacca	tcttcaalcc	aaactacttc	180
gagcaaaaacg	cctcaagatg	tataaccagt	ggatcggatt	caatattgtc	aataactctg	240
ggagttttat	caagatcagc	aatgcttata	tgagtgttgg	taaattctat	cgggtgggatg	300
acaaaagacaa	cgaaatatct	tcgattcttg	tcataataac	ccgaaacctc	cctggcgtgc	360
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catctctctt	gtccattggg	agtctgggtg	tgggggctgg	gaaaggaaga	gctaagctgg	660
gtgatctctg	ctatgtatac	ccttatgagt	atctntcaat	aaaaatcttc	agttgttgag	720
gattnnnnnn	nnnnnnnnnn	nnnnnnnnna	aaattctgog	gccc		764

<210> 5488

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5488
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acattacggc ccaccgtgtg cttcgcgcgg ataacgaccc tctcattgcc ctgcatgcga      180
ccctaactgg ttccacagcc tctccaactt cgcgctctgg gtctactgcc gatggccctt      240
catctgataa agcctcgggc tcggaatcct ctctccgtgg gtccaagccc gtgggagaag      300
gcccgttttt cttcaaactt gtaccaccca aatcgggcac ttctcggacg gtgcagttca      360
cgaagcctgc tatccattat ttccaggtag acagtattca agaaggctgc ttgtggatgg      420
cagcgttgat gaaggctacc attgaacggg atatggaact ccccgtaggag actaccaata      480
aacagaagac tgtagtctt aaagaagccc gtctaataa cagcggcct cccgcgctgc      540
tgccgacaac ttccgccact caaggaacag aggagaaaga cgaacatttg acgaccacca      600
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<210> 5489

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

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<400> 5489
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ctgggcttcg gccgtggccc caaggacccc gtgtaccact accactccaa ctatgacagc      180
ttcgactgga tggatcgatt tggtgacctt ggttggtctt atcatgaagc ctgcaccaag      240
ctctggctct tagctgctgc caagctgggtc gaggcccttg tgctgtcatt tagtgctct      300
gactatagta ctggtctcgg tcaatacttg gagaagatca agcccggtgc aaagaaattg      360
cgtggcggcg aattcgactt tgggtctctg gacagagcag tcgccgagtt ccaggctacg      420
gctaagaaat ttgacgccta tgccgctgac ttgacttctc agttgggtga agatcttctt      480
tgggtatctgt ggtggaagag gtgagactct actttcagat ccgtgtgggtc aacgaacagt      540
acaaggccct tgaacggnc a ttcttgatg agcccgact cgatgggncg cantggntca      600
aacatgtggt gtttgccgct tgtctgtgga cccgaatact cgggtgcgacg tacccttget      660
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<210> 5490

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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tcgaacgtgt cgttatcagc gagcacgctg tccctttata tacaggctat tcccaagtr      180
ttggccaatc tcattttgtga tggggacgaa acctgggact cgttaaagaa cagtgaatg      240
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gaggtgcaag aaagggcaat cgaatttttg gaggtcatgc gcttagcagc agatgccgtt      360
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ttttcccatg gattagaact caatccagtc gotaccacg mdaaaaagaa ggttcccttg      480
ccagatcaac tttgtctaac acaagagttc aacaagcata tatatgggct ttttaataac      540
ccagccaatg ggcttncgga gccagccggc caactaccat cttagatgtt ntatcacgtt      600
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aatccacata ccannagact t      681

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<210> 5491
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 5491
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 caattgctgc aggatgatga cgtgatgag atgggagacc cgtcgcccaa agagacattg 180
 ctacagcgggtg gctcatttaa acagctcaac cgggcgctcg gtcaacttat cgacgacttc 240
 agcatgggtct cattttctgaa attagatgtg caggacgagg acagtgtcgc cgtgtgttcta 300
 agccatatcg acgatgccac tcaattccat gaagcgcaag aaccgcgcga acccaacgat 360
 gagcaggagg ttaattacga ggatgcagac atatgatcga ccataaatat gaagaactta 420
 attgccaaat taacctgtgt cgaacatata atctgggacc taccggcggc tacaagacgg 480
 aaccatctca tcttcccaac ttgttatcat ccgaccgcca gaggcaccag aaggtcactg 540
 acacgctttg atcccggtggc agggatttgc ccgcttatcc ggtcagagc ccataattag 600
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<210> 5492
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5492
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 ctcccgagca aattgccccaa gtggttcctt tctcaaatac ctccctcgca gcagcctacc 180
 aatggcgcga agaagctcaa agtctacccg gctccgcctt caagccgcac ggtttgcaaa 240
 gaccccgctgg cagcagtgac agaattctcaa ttgacagccc ttgatccac tgggtgaacgc 300
 aaagcacttt togactacag aagaaaccca cgtagcgtga aggtcggcga tattttgcgc 360
 gtgaccttta agaacggtga ccattctcc ggcgtttgtc ttagcattcg tctgcgcggc 420
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 aaggttttca gtcccaacgt tgaaagcgtg gaaatcgtac agaggacaga gaagaggaag 540
 agaagagcca ggttgacta catgagacaa ccagacacg atatgcgcag cgttgagaac 600
 atcgtctcga actacctccg acagaagtct gctctttctg gccagagagg acagggagga 660
 cgcggtcgtg gacaqaaacg gcgtcgtaa a 691

<210> 5493
 <211> 1509
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5493
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 cagccccaga tggcgaccag tglgcctatg actcaaaatg taggccaag tcaaggagaa 180
 gggaacccga agactatgtc tctaaggat gccctgttgg acttcaacga gggagatgac 240
 gcggggatct ctttgttccc aacaagtcaa cctgacttca accttggtga agcactcggc 300
 ctccgacgtg aaagctcctc atccttcccc cagtgcgaga actttacttc catggagtca 360
 tccccacgc aatacactac accgaatgga ctccccagc agtatccctt cgcgcagcag 420
 caacaagacc atcagcagca acaacagaac aacctcctgc accagacccc cgaattccct 480
 gcctcccttc ctcaacttga gtctacgaac agtgatgccg gggtaacaa cgggtgtggct 540
 tctccacccg cacagcccac aatggcgatg cgcacagtga aggaagagat caccgcacct 600

gagcgcactt	ctgcggacag	tggcacttac	acttgcaactt	accacggctg	cacgcttcgg	660
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gatcttacct	ggcacgagga	cacgatccac	aacgcacgca	agcagaaggt	ccggtgtcat	900
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gtgcaccctg	aggtcgattg	gcccggcaag	caaagaagga	gaggcagggg	gtaagcctga	1020
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cgaatacgca	attggaacac	gacaaatggg	aagatccatt	ttggggaggt	ccctttcggg	1140
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tgttatcggt	cactttcttt	ttctttttct	ttcttttcgc	gaatagatgg	cctcttgtga	1440
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tgtttctaa						1509

<210> 5494

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(661)

<223> n = A,T,C or G

<400> 5494

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gtactcaagg	ataccgctac	cttaactact	ggaactgggg	aggccgtgaa	gctaagctcg	180
ccgctgaagc	cgctgggaag	ggctcgcagg	cccccgaggc	cggcgcataa	acgatccgaa	240
ccttgctcta	cctgccgcgt	ggccgacaaa	caaggatgcc	cgttttcaat	cagtagtaga	300
tttagacctc	acaagagaca	agacgcctat	ggatggcgat	ttgtggaata	cagatcggtt	360
cggatgcaag	aggctggcct	catttaactc	tggttttctt	gggtagaaga	acggattgcg	420
tgcggcttgg	gcccactagt	ggatagttgg	ccttcacctg	attattttta	tggactggca	480
ttggcaaagg	ggccttgagg	ctactggttt	tggttctagc	atgttttcgt	ggcattgggt	540
tgtgggatag	tgcaacttgc	atggcganga	atcaggctctc	cttttggtctc	tgctgtcttt	600
actgttttgt	ataatacaaa	ttcggtgaaa	tctaaatgga	ttgaaagggg	aaaaaaaaaa	660
a						661

<210> 5495

<211> 552

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 5495

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atgtgtgctc	tgcgtaagca	agctcacttg	aagaagaact	tcaagccctc	cggtaaacag	120
gagacgcttt	tccccaacac	ctactacctc	actgagggtg	acgacatggt	ccgcgcgaag	180
taagaggtea	aggcatgaat	aatggctagc	gcttgatgtt	aatttggaca	tqatgagttt	240
ctttttcttc	cttgctttaga	cgattcatta	gattcccttc	aggaccgcct	tgtcgtgttt	300
ggttgccttg	atagagctcg	caaactgggt	tatgtctgca	aattgtctcg	gtcgatttta	360
tttactttgt	ctgcctgccc	tangttctca	ggaggagccc	agaaggaaaa	tattttcttg	420
tttttaggag	ctggcatgat	gctgatgttc	ctttccgccc	aagatggcgc	tgaaatgctt	480

ccggatttat gagaagatct tatttattaa ttaaacadat taatcaattt atttcacata	540
tggttcacta ct	552

<210> 5496
 <211> 783
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5496	
gtggattacc ttcttccatc tcagaagata tcaatcactt ccatacttct acctccacac	60
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accaccctgc tegtgcgccac ctccgcccctg gctgctcccc agatcgacaa cctcgtctcc	180
caggcggaag gtatcgccca gaccgctgtg aacggcgggc agagcatcgc ctccgacatt	240
gccagcgctg ccacctccat cgttcccgcc gctgagaccg gtgtccccgg cgtgcctca	300
tcctacacct ctgcgcgggg cgcgcgcggc tcagcgccag agagctgggg ctctccgctc	360
gcttccgaag cccagagcag ggcctctctc atcccatccg aggcacagctc caagctgagc	420
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accacctccg ccagcggaac cgagaccacc actgccacaa gcacctccac caccggtaact	540
tcttcttctc ctctctcttc ctctcagct ggcagtgcct cctccaccag cagcgacggt	600
gcaggtgccca tgcccaactc ttccagcttc ggtgcgggtg tgcgcgggtg tgcgcgggtg	660
cctgggtgtc atggctgtc tgtaaacgaa ccacgaataa catgctagaa cgtcgtctat	720
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ggg	783

<210> 5497
 <211> 1545
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1545)
 <223> n = A,T,C or G

<400> 5497	
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aagggtgcct tgcccttgag ccgcaaggaa aagctggctg ccttcttggg agaggatgcg	120
ggttccaact cgtggggcgc taacggctgt gatgaccgtg gttgcgataa cggtaacctt	180
gccatggcct gnggtagcgg tactgcgaat ttcccatacc tcgtgacacc agagcaggcg	240
attcagaacg aagttcttca gggccgtggt aatgtcttcg ccgtgaccga cagttgggcg	300
ctcgacaaga tegtgcggc tgcccgcag gccagcgtat ctctcgtgtt cgtcaactcc	360
gaetcaggag aaggctatct tantgtggat ggaaatgagg gcgatcgtaa caacatcact	420
atgtggaaga accgcgacaa tgtggtcaag accgcagcga ataactgtaa caacaccgtt	480
gtcatcatcc actccgtcgg accagttttg atcgatgatt ggtatgacca ccccaatgtc	540
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ctgtacgggc gtgtcaaccc tggcgccaag tctccttcca cttggggcaa gaccggggag	660
tcgtatgggt ctcccttggg caaggatgcc aacaatggca accgagcgcc ccagtctgat	720
ttcaccaggg gtgttttcat cgattaccgc catttcgata agttcaatga gaccctatc	780
taaggatttg gctacggctt gagctacacc accttcgagc tctccgacct ccattgttcag	840
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ggtgaaattg gggatggctc ggagtaagtg taccggagg ggtgggaaag gatccatgag	960
tttatctatc cctggatcaa ctctaccgac ctgaaggcat cgtctgacga ttctaactac	1020
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ttgcccgeta gtggtggtgc cggaggaaac cccggtctgt acgaggatct ttcccgctc	1140
tcctgaagg tcaagaacac gggcaatgtc gccggtgatg aagttctcca gctgtacgtt	1200
tcctacagg gccgaagtga ggcgaaggta gtaactggca agtttgagag tatctacttg	1260
gccccttcgc aggaggccgt gtggacaacg accttaacc gtctgacct tgcaaacctg	1320
gaegtcttcg ctacagactg gaccgtcact ccttacccca agacgatcta cgttggaac	1380
tcctcacgga aactgcgcct ccaggccatg ctgcctaaag cccagtaagg agcaagtctg	1440
attgtacaga gcatttcgag atttatgatg tacatgttta tgaatgacct anggtagggt	1500

aataacttagt anggttagtt ctaattcttg gagtcaagta ttgac

1545

<210> 5498

<211> 726

<212> DNA

<213> *Aspergillus oryzae*

<400> 5498

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ggtacgagga	ggattcaccg	cgccccccgg	ccatggatca	cagtcgtttt	tatcacatac	120
cttttcccac	actcagttga	gttcaccatc	gacaacacca	taattttatac	atctgctgtg	180
taaccatggg	caaacacaac	ccccaaagct	cgcaaagagc	tccgactctc	aacgaagccc	240
tagacttcat	cgaacaaacc	tataaagaat	cgaagttgat	catcgtcggc	tgtctagcat	300
cctggacact	ctgtcgactg	aacttcogtt	tcgtttggct	actcatcatc	ctagccttct	360
gccgcacgca	ctaccaagta	tcogttcgac	ggatcgagcg	cgccatccga	gacgaactcc	420
gtcgatacca	ctcacaaatg	gtcctacagc	qtggtgaaag	cgtaaaatgg	gtaaacgaag	480
tcctggggcg	agcatggcac	ctctaccac	gcccagatctg	taaaacgata	gttcaatacg	540
tcaacgcggg	gatggggcaa	cgcagcgaag	attcatcccc	tcagaaactg	gtcaatcaat	600
ccctggctgt	tgtggcacia	ccgctccgat	tttaaaaaat	gaaggggccat	tcaaacctca	660
atcgggcaat	ttgaacctct	caggagaatt	ctggtttcca	actcccggcc	aacggggcgaa	720
ccaatg						726

<210> 5499

<211> 813

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 5499

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tttacacatt	tatatcacatc	cggcagtaac	tatggcgagt	gttcagcaag	acaagcctgc	120
agttgtctgt	gtattctgcg	gtccagctctc	cggtaacaac	tccgttcacc	tggaacagc	180
tagagctctt	gcacatgagt	ttcacaggaa	caatatccaa	cttgtttatg	gcggtggcac	240
agcggggctc	atgggcgaat	tggctcgcac	cctcgtttcc	ctttctggac	cccaagcagt	300
gcacgggatt	atccctcgcg	ccctgggtcaa	agtcgagccc	ggctatgaca	acgcacaaga	360
ggagaggaa	ccttctacag	ttgtaagcgg	gaaagaagcc	gagcgggtcg	tcaaggagcc	420
catgggtaag	atcgggacgc	ttaaagagtc	agagtacggg	tataccacca	tcgtcccaga	480
tatgcacacg	cgcaagcgta	tgatggccga	gaaggtccga	gagggcggcc	cgngtcgggc	540
tttgttggcg	ctgengncgg	tttcgaacga	tcgnagaggt	catggaaatg	actacctgga	600
atcagtttgg	aatccataag	cttggcatgg	ngttgctaan	tgccaatlly	tactggngat	660
tgtgtgtaac	gttgttgaag	aactcagtc	aagaaggctt	tgcagtcctg	agaacgtgag	720
atcttgggtg	ngccaagatg	caganagggt	ggcccaactg	ntntgttcaa	gattaacatg	780
gaggatgc	tgacctgtga	aaagagtacc	ttt			813

<210> 5500

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 5500

caacacatct	gacaaaaatgg	ctcccaaggt	tctcgttgct	ctgacctccc	aggetcaaat	60
tcctgaacgc	gacaaagcga	cagqatggta	cctgcccag	ttcggccac	cgtgggaggt	120
cctccatgag	aaggtcgagc	tcaccatcgc	ctctccgaag	ggtggtgagg	ctccccctga	180
ccccctctct	gtcgaggcgt	tcaagagcga	tcccgtgtcc	tcgaaatttc	tgaaggagca	240
ggagtcgctt	tgggaagaaca	cccacaagct	ggctgatttc	ctgcctcgcg	tttcggaggt	300
cqatgccatt	ttctacgttg	gtggccatgg	acctatgttt	gacctccact	acgacgagac	360

ctccctctca	ctgatccagg	cttctcgtgc	cgccggaaa	cccgctctcc	ccgtctgcc	420
cgccccgacc	gtgttcatca	aggcgaccac	caagtccgga	cagcccttgc	tcgccaaactc	480
caccgttacc	gccttcacca	acgtcgagga	agaccaggca	caattgaccg	cgctcatgcc	540
atacttggtc	gaggatgagt	tgaacaagat	ccccggatgt	aaatttgta	aagccgaatc	600
acctgggggc	gagaaagttg	ttgtgtctaa	tacctccgac	ggcggctct		649

<210> 5501
 <211> 1081
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5501						
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atggagagaa	ccagacgatg	atgcccagag	ttcttcacag	gaggaggggc	aggagaagtg	360
agaggaggaa	gtgtccgaat	cagaagagga	tcttcaaaat	agacgctaac	ctggatctag	420
ctttcccgc	gcgcagagat	gactcgtgag	gagcgcgggc	agcagccaag	ccaagaagca	480
agttgctata	gcgaaacgga	ttcaagttca	gcttggcgat	ctaccaccgt	ctgattcgga	540
gtcagaagtt	agcgggggtt	gtgagggaga	tgaagagctg	ccctcaaata	cgaatcacac	600
ggccaagtct	cgctcgcaac	tgaaggattc	aaacccggac	aaagacatgt	cacagttgtc	660
gaggagagag	cgcaagacca	ttgaggctca	gcaggagcgt	gaacggttat	tgaagctgca	720
cgcgaggagg	aaaacagagg	aggcccgtgc	agatctggct	cgtctggcta	tcattcggga	780
gcgacgagag	gcagaaaggt	tacggaagga	ggccgagaaa	gaagagaagg	cagagctagc	840
caagcaacgg	gctgcagaga	tagaggcaaa	gctgaacgcg	aagaagaaag	gtggttcaaa	900
gaaaaagtaa	atgaaacaga	ccgcttgcct	tagcttggac	actgagactt	tgatgggagg	960
tatgggatgg	ttttattcaa	agctagttaa	gaacttggtt	tgggtataac	actaaccggg	1020
cagtaacgat	aatatatgga	ctgtacacag	aatacccaaa	tagattgttc	attttagaac	1080
g						1081

<210> 5502
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 5502						
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catgtcgaca	cagatagtaa	tctgtttggt	aatcttgaac	ttgccacgca	tttagcgaca	120
tgggtaaacg	agccgggcgc	acttgctcgc	gcttctaatt	ggcgctctgc	gcaggatggt	180
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cgggatcccc	tcagaaagga	cgaaattgta	ggagagatca	ctggcaaaat	tggaccgctc	360
tggaaataga	gggttgaagc	cagtaacggc	tggcaagaac	ttcctcatcc	agaacctttc	420
gttttctctc	acctcaact	gcctctgtat	atcgatagtc	gccatgaggg	aaacatactc	480
cgttatgcgc	gacggctcct	tcgtcccaat	gtcaccatca	gaaccttcat	caccaatgaa	540
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gcatgtggtt	atctagaccc	acaactggtt				629

<210> 5503
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 5503
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 aaagaagatt aaccgtgacg aataccaaaa cttgaaggac ttcaggaatg atatccatct 120
 cctctgtcaa aatgctcgaa cctataatga agatggcagc atcctgttcc aagatgcgaa 180
 tgatattgag gcaaaatgcc tgagtgaact gaagagagag accgagggct acccgcaatt 240
 tgccaactat gacgaccagg gagcgctgt tggtaagat cagtctctcg cggcaacccc 300
 cagcgtcgag actcctagca ctgtcaccac ccccggccaa ccgaaactaa agcttacatt 360
 caacagtggg aatcgggaca gtacaggagc cgccaacgga accccacaga ctggaataac 420
 tgaggagtaa tctttgcata aaccttcgtc ctggcttgcg tgactctgtt cattaagtac 480
 aggggagaga catttccccc tcacaacgca ttttgcattt ttgatctttt cttgacatgt 540
 acccatccgg ctntggacgg gcgtatgtga ctnggtgatg gatgatgggt gatggcgcat 600
 gctctgctct actgaagacg agcgattgat ttcattttatg qgtntctttt cgtttattct 660
 tcacatttaa ccccc 675

<210> 5504
 <211> 752
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5504
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 tccatataac accaaatctc atgtacaaa tccctctaaa cctcacatac aatcaacaag 180
 ttcacaatcc tccatcgaca aaacaagctg ccccttcaac agatcaaccg gcgtcatctc 240
 atcatcccca tccaaccgat catccagcct caaaacacac tcacatcttg cttgcatcaa 300
 cccctgaagg acctcactct cattataccc aacctccctc gcaatcctaa cagccaaccg 360
 catcccaaca gtcaacacca accccgcaat atcagtcgcc gggatccaa cgccggcatc 420
 cgcccaatcc aatatgccag taattccccc atcagaatcc acaagaatat gttccccctt 480
 gatataatta tgaatgagca ccttcggaga gaccccttca tcgggacgct taaccggatc 540
 tatgaacgcc gtcttctctc caccacaatc ttcgaaactc tccccatctg taacccccaa 600
 atcaccagct aaaatctgcc cccgactaac cagtagacgt tgtcccaann nnnnnnnnnn 660
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa aattcctgcg gcccgttgag catgcattta 720
 aaagggccga atattgtaat taagtttgcc cc 752

<210> 5505
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5505
 ttgactaaga atagcctaaa ataaggagac agcttcaygc attcttaagt gggatggctc 60
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 ttgtccatca cagggttgg cctcggtatg tctgtgtcag ctgthtacca ctgtcttggg 180
 aatcgcaact ccatcagttg ctcccttaac aatctccatt attgaaaacc caatagagga 240
 ttattacaag agacgtactc atcgtgtgct ttacgaaacg tcataatgga tctctgtccc 300
 aacggcgaat gccagcatct ggtgtctcca gactatataa acttcactct atcaatcttg 360
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 agctcctaag gcactcacc gtattttgtc ctattgggaa caatctctgg ttcactgtct 480
 ttagcaaacg tggatcccca acaacaaagt ctgcaggatg tgtcttgggt cagtgatgtc 540
 aacggcctgg cctgtttcgc aggactgcta cgtatcctcc agattggaac acagtgcctc 600

tgcttcttta	tcattctatt	cctatacatc	ctatatttcc	ctcgcgatgt	acagtcgtcg	660
ccttcaacct	ccaagcaaag	ggggcaaggc	c			691

<210> 5506
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5506						
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tggttggtgtg	cggttctgcc	aacttgaacg	accgatctca	gcttggtgat	cacgattctg	180
aaattgctat	tattatggag	acctatactt	cttttgaatt	caaccttaac	cggaagccct	240
tgaccactta	cccgtttgca	tttaccttac	tcgctatctt	gtcccaaaca	actttgtttt	300
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aattttacac	tctttaaaaa	cggttttgtg	cccacccttt	gggggattct	ttatatacct	420
tggaaaacac	cggggccaca	caaacattgg	gtrttccaag	gggtttcctt	tcatacaaat	480
aaagtgttcc	ccacggtgcc	cattaaaaaa	atttttgttt	tttttaaaag	ggggaaaaaa	540
acgtttggga	aaaaaagtat	cccccccttc	cctttttgtt	tggacacttt	ggccatatat	600
attcccgggg	ctctctgggt	ctttaaagag	aaagggatct	tttaaaaggg	taaagccccc	660
tctttat						667

<210> 5507
 <211> 554
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5507						
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aaagaacgaa	agataaaaac	cgcaaaatgg	cccaccgccc	cgcccaaata	tcctcccacc	120
tcaattaccc	ccaaggcttc	ctcgccaata	aagtcgccat	catcactggc	gccggccagg	180
gcacggtgac	cgagactgcg	aagttgttgc	ccaatgaagg	cgctaaggtc	gtcattgctg	240
atattgatgc	tgagaaaagc	acaaacacag	caaacgccat	caatgccgcg	agtcggaacc	300
ggggccattgc	tgttacggga	gatattctcg	atgatgccta	tatcgagtcg	ttggtgaaga	360
aggcggtgta	gttcgggaat	gggaagattc	atgtttattgt	taataatgcc	gggtttacgt	420
gggatggggg	gattcataag	attacggata	aacaatggga	tactatgttg	gctgttcaca	480
atacggcgcc	gtttaaagctg	gttcgtgctg	cggccaagta	cttcgggtg	aaagatgggg	540
agcctcgctg	gatac					554

<210> 5508
 <211> 458
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 5508						
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ctcaataaag	tccgagaacg	agtgcgaagc	atcaacagtg	tcgctaagat	ccatgtaacc	120
gatcacagta	agacacctca	gattgaaggc	gttgtgttgg	atctgcatgc	ctacgatcat	180
ctggctagtc	tggatttttg	cgaaaaaggg	catagccata	ttgatccggc	tatctctacg	240
atcgcaataa	caacccctcc	catcccatct	gaaaagattc	cgctcgtaga	tgcctggctc	300
gtctccgtcc	tttgggaact	ttctcttcca	cctggggaaat	ctcaatctga	acctcagctc	360
catccagctg	atttcgatat	tcaccgcctc	aaaggcatat	tgatcacaaa	ggatgattcc	420
agcagggtta	ttcaggctgt	cgggnacgtg	tttgagat			458

<210> 5509

<211> 693
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

<400> 5509
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 gcctctggct tgtacgagga tacagagacc tggcggaagt acagtctttt ctacgacaac 120
 tacaaaaagg attactgggt gctcttctgc cctgcgacgt tgtacatgtt tgtcaagggt 180
 gtaatcatcg ctgctgggcaa tggatcatgg ctcttccagt ccgctgggtca actcattgtt 240
 gaagctctta tgcctagcact tctgctatgg taccggccat atgttgcaaa gtcgagccag 300
 tggatcaata tcagcatcca ggtgggtccg qtattgtccg ttgcttgtgt gttgatcttt 360
 gtgaggagc ttggtcttll gcagactacc aagactgtga cgggtattgt ccttatcggt 420
 gtgcaatccg ccttcacagg catcttggcc atcttcattg ccgctaaccg tatcattctt 480
 tgtgtccgag aaaacccccca tgcgaaacgg agatgagaag ccaaaaaaat gaaccgtgat 540
 atcgatgatt tgactccttt ggatgcgcgg gagtcgcttc ttatggagaa ttcacccccg 600
 aaagagtacc cagagatgaa gcagggttaa ttcacccggc cttacgaacc ctatcgggac 660
 cactacgaat tcaaagtagc atcaaagccc tcn 693

<210> 5510
 <211> 688
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

<400> 5510
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 ctcttaaccg aacccaaaga gaaattcgca atgcatataa aagagaatcc ttgaaatcac 120
 atcttgaccg tgtacctgcc gattctcctg agcggcctac ccgaacgcgc aaatttcagg 180
 aaatcaatga tgctattat accctgtcag acgagtcacg tcggagagag tacgacgcaa 240
 caaggccagt ggaagaagaa accgaggatg aagtaccctt aggtggcacc gggggatttt 300
 catggctctt atttgggttt ggcacgagcg accgtgaaca acgtgcctct gaacagtttg 360
 gctcggtgtt tgaggagatg ctacgcgaag agggcctcgc tagtgatgat actgacgctg 420
 atggccgtcg gcggaccagg cctacatctc gcttctggtc tattgttggg ggaataagtg 480
 gtgggtgact cggattcatt gtgcgcaatg ctgcccgtgc tttcgtggt gccagtgcga 540
 gaaatcggct cggcgtctgt cgtgatgcga agggcaaaag tgtctacyag gtcttcttag 600
 atcttccaca aggtgaccgt gccangttat taagcgaagt ggcagccaaa gttttccagt 660
 ccacaggtgg acgaatactg catagtgg 688

<210> 5511
 <211> 694
 <212> DNA
 <213> Aspergillus oryzae

<400> 5511
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 tccacatagt ccaagatggg tatctccgac tttttctccg acattatctc ctcttcagc 120
 ctccccgagg cccagggtga ggctcccgtt gagaacgttg agcagcccag cagccaggag 180
 accgagaccg aggagaagcc cgctgtgacc gaagagtcca atagtgaaga gacccggcaa 240
 aagaactgagg agtccgctga ggagactcct gaggagcctg ccgaggagga gcccgagcag 300
 gaggaggaag aagaggagga agaggaggag gaagaggagg aggagcctga ggacatcaag 360
 ccccagctcg aggaggaaatg tgccaactcc gctcagtgcg ccccatataa gcaccacttc 420

gatgagtgcg	tcgagcgtgt	cactcagcag	caggaggacg	cagactacaa	gggccccaa	480
gaggactgcg	ttgaggagtt	cttccacett	gcccactgcg	cttccgagtg	cgccgcccc	540
aagctctgga	agtccctcaa	ataagcgtct	cgctccgaaa	caattcctgc	cacgtttctc	600
ttatggttca	atggcaacga	gtttaacgat	ggcacatcat	gtatggacca	tccgaatgag	660
atacgaaggg	ggaactgtgg	agggaactca	caga			694

<210> 5512
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5512						
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aatgagaccg	aacttaggag	gaaagcctgg	tataatatga	cttctggtaa	tgggcaatcc	120
gtcggcgagc	tgttctgtgg	ctttttcgtc	tactatggaa	gcccgatgca	aactacaccc	180
ccaggcgctt	tcaattggat	ccaagaagtt	ggttctgattc	gcacgcaggg	tggcatcctt	240
tccaagctgg	agaaagggtt	gaacacccgg	aggactgacg	annatggaag	tgcactccgg	300
ttcctcatag	caattgaaga	ccccctcgaa	cacaaccata	atgtaggcga	aactgtcaca	360
gacaaaggcc	tgtaatgtat	cagagcagag	ttctcccgcg	ctcagatcat	tatacgtaga	420
gtccaggaaa	tcccaagagt	cgggtgggaa	tggcgaaaca	acaatggcca	tgtaggtcag	480
aatctacttg	ctgaagcgga	agataactta	aaccgacaac	aaccctgtgg	aacccccgaa	540
ttcccaagat	ctgaagaatga	ccagggtgtc	aatactcgcg	gtgtgattct	ctcaagtga	600
aatcatgggt	accacaaaac	ttatttgcgc	cttggcagat	gccccaaaaac	aaaggacaca	660
cgcccagaaa	tt					672

<210> 5513
 <211> 652
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

<400> 5513						
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atgggagctt	gggatcgctg	attccgtata	ttcgagaagc	ctaccacata	gacaccaata	180
tgggtggctat	tgtgtacggc	acgacctttt	gtgggttggt	ctttgcccgt	ctctctaata	240
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ttctagctca	tgccttgaga	acctggctgc	ctccattccc	cctatttgcc	gtgacatttt	360
tttttgcag	ttttggccaa	gcgtaccagg	acacgtacgc	gaacacgttt	gtggcgctcg	420
taaaagcagc	gcctcgatgg	ctcgggttta	ttcatgcgat	gtatatggca	ngatgtctcg	480
cgggaccttt	catctccaca	ggagtagcat	cggcaggagc	acggtcacgt	tgggagttat	540
tttacacagc	gcctttatga	ctangagtca	tcaactttgc	cctgggtggg	ttcgcattec	600
gtgagtcggt	tgccttcaag	cgctctacac	aagggtgaaga	tgagtcccc	cc	652

<210> 5514
 <211> 739
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 5514						
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tgcattcacc	tgcattgcca	gagtccttcac	ttccggctgc	gcctgccgcc	tcagagaatg	180
gtgctggcgc	tggtcaaaaag	gtcaagcctg	gcactcgtat	cccggttaga	acgtatattc	240
agccccaatg	gatctgggac	tgcattcaacg	aaggaaagct	tcttcgccct	gacctgtatg	300
cacctgggtgc	tactcttccc	ccccattctga	gccccatggg	caagcccacg	aggggtgcat	360
atgatcctcg	cgctagcctg	gctgagcaag	aagaggaggg	tgaggctgaa	attgcagccg	420
aagaagagga	agaagattct	gatgaagaga	tggaggaggc	caccgatgga	aagaagggtg	480
acgccaaagg	tgaagactcg	gctgaggagg	aaaatgagga	cgaggatgat	tctgttgatg	540
gaggtatgga	tggtgctggg	acagatgacg	atgaggacga	gagcgaagaa	gaaatggaag	600
atgaggttgg	tggattcgag	gaagaagctg	catncgaatc	ggaggatgaa	gagaatctgc	660
tgcattcacc	acaaaaggag	cttgaagcga	agctgctggg	ctccattctn	ctnctctatg	720
ctggcgggtg	ttcaacaaa					739

<210> 5515

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5515

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aacacgtcct	tgctgtcctt	ctgtctgttg	gcgttccgc	cattcctttc	gacaagcgag	120
atgcattcgc	tgctctcgct	gattttaaca	cactctcaac	cgacctgtcg	gctctcggct	180
ctgctatttc	gagcttcgat	ggaacgctca	atggtgcctt	gggcgtccag	cagaaggaag	240
gccaaagtag	gacggcggtg	aagcaaacgc	tcagcgatgt	gaaagcgtct	actgcgttca	300
gtgctgctga	cagcacaagc	gtgaccaatg	ctgtgactgg	tctggagcct	agcattgtga	360
acgtttctcaa	cgatctcggt	tccaagaaat	ccggttttga	ctctgttggc	gttaccagca	420
ttgtcgtatc	ggatctcaac	tccctccatg	atcttactgg	ccagctgtca	actgagctcc	480
agtcgaaggt	cacttcgggt	gacgcattca	ctatttctga	tgaggctgcg	cgacttgatg	540
cggaatacaa	gaaggccatc	gctgcctatt	cctagattag	cgtgccatgt	aaacccctta	600
tcaaccgata	gacgaaggat	gcggagtagg	gtgatcagag	ctagaaaaag	gacatccaag	660
caggattaag	cctttctttt	agcat				685

<210> 5516

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 5516

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tgcagtggtg	gggcctgctg	gagctgtgcc	cggtggatg	caggttgctc	cttatgttcc	120
tcagcccgcg	ggcggccaat	atggtcaccc	tgataccttc	aagcggccac	acccacaccc	180
caaccggggt	gctgcgggtg	catatggcgt	tccttatctt	cacggacagc	ccgctcccgc	240
ccctgtagct	cagcctgcca	tgcactatgg	tgggtgcacct	cagccgtatg	ctggcgcggg	300
ccctcaccag	cctgcccctt	atggcgcccc	ccaggctgct	cccgcacgcg	gtggctccgac	360
tcgggtgcgc	cctgttggcg	gagctatgct	cggtcaacaa	ctgactcaqc	agatctatat	420
ccccaacgac	atggtgggtg	ctattatcgg	caagggtggt	golaagatca	acgagatccg	480
tcaccttagt	ggcagtggtg	tcaagatcaa	cgagccacag	gagaacagca	acgagcgtct	540
ggtgactatc	acaggatccc	aagagtgtaa	ccagatggct	ttgtatatgc	tttactcccg	600
acttgaaagc	gaanagcacc	gtatctaagc	ggaggaatga	gtctacgagc	ttggcttaat	660
ctgtttcttt	cttcc					675

<210> 5517

<211> 528

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 5517
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 aataaaaggtt tgaatcgtgg ctagcaatac tttctttgaa gtatgagtaa caaccatgag 120
 gacgcggacg gcattccgcg gaaagccgac cacctttgtg tcttgatcca tggattctgg 180
 ggcaaccctt ctcatatgga ccacctcgca gtgtcactgc gacagcgata cagtgaggac 240
 cgctccacc ttttagtcac agagcgcaac atcggaacc tcacatacga tgggaccgaa 300
 gttggcggcg agcaggtggc tcacgagatc gaggaacac tgaacacatt agccgacaaa 360
 ggatgtccca tccgaaaact gagtatcgtc ggggtactcat tcggaggcct gttggccaga 420
 tatgcaatag gattgctcga cgcacgagga tgggttcgaca agctaaaacc ggccaacttc 480
 acaactttcg cgtggcacat tgtggcggac ggattccccg aaagttn 528

<210> 5518
 <211> 1264
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1264)
 <223> n = A,T,C or G

<400> 5518
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 tacggcctct gtgctgttgg gctgtgcttc cgccgagggt cacaagctga agctcaacaa 180
 ggtgcccgtg tccgagcaat ttaacttgca caacatcgac acccatgtgc aggtctctcg 240
 ccagaagtac atgggaatcc gtcccaacat caagcaagat cttctcaatg agaaccgat 300
 taacgatatg ggacgtcatg atgtccttgt tgacaacttc ctgaatgcac aatacttctc 360
 cgaaatcgag atcggtactc ctccacagaa gttcaagggt gtcccttgaca ctggcagctc 420
 aaacctatgg gtgcctctct cggagtgtgg ttctatcgcc tgctatttgc ataacaagta 480
 cgactcatcc tegtcccca cgtaccagaa gaatggcagc gaatttgcca tcaagtacgg 540
 ctctggtagc ctgagtgggt ttgtttctca ggatactctc aagatcgggt acctgaagg 600
 gaaggatcag ctgttcgccg aggtacttag tgagcccggt cttgcttttg cctttggccg 660
 ctttgatggt atccttgggt tgggatttga cacaatttcc gtcaacaaga ttctccacc 720
 cttctatagc atgctcgacc agggcctcct cgacgagcca gtctttgctt tctaccttgg 780
 agacactaac aaggaagggt atgactccgt agcgacattc ggcggtgttg acaaggatca 840
 ctacaccggc gagttggtca agattccctc tcgccgcaag gcctactggg aggttgacct 900
 tgatgctatc gcccttggcg atagcgttgc tgaactcgat aacaccgggt lcattctgga 960
 taccggcaact tcccttatcg ccttgcccac cacccttgcc gagcttatta acaaggaaat 1020
 cgggtgccaa aaaggcttca ccggccaata ctcggttgac tgtgacaagc gcgattcctt 1080
 gactgacctc accttcaccc tgagcggata caacttcacc attggctcct acgactacac 1140
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 tggccctttg ccatcctggg tgacgcgttt cttaagaagt gggacagtgt ggacgacccc 1260
 caga 1264

<210> 5519
 <211> 2022
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5519
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 aatgaactgg tttatctgac aagacgatct gagatcgcca ggagtcagaa caaaaaggga 120
 aattgaaaag atgccatttc gtcgaagccg acgtgcgacc gagttctcat ccaacatggc 180

attgactcgt	cgactccagt	cttggcacac	cgcccaaat	aaagacaaca	aaaaggggaat	240
tagaagagaa	attaaaatta	tcagaagacg	cctttcaacc	ccctgccaaag	tgcccaataa	300
cacgaaaaat	aaacaattaa	tgctttgttt	cctgcccctc	tccttccctag	tgatacccca	360
tttctcgttt	attttgtatc	ctctctcacc	atggttgacc	ttttcaccac	catcgagacc	420
ccctcggcca	aatacagagca	gcccttgggc	ctgttcatca	acaatgagtt	cgtcaaggct	480
aagagtggcc	gcacttttga	gaccatcaac	cccaccaacg	agaagccgat	tgtagccgtc	540
caggaggcgg	acgagaatga	tgtagaagat	gccgtcaagg	cagcacgcgc	cgccttcgag	600
ggtgagtggg	gcaaggtcac	tccttcggaa	cgtggccgcc	tcctcgtcaa	gctggccgac	660
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caggccgcgc	ccaagagcaa	cctgaagaag	gtcactctgg	agctgggtgg	caagtcccc	1200
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<210> 5520

<211> 1710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1710)

<223> n = A,T,C or G

<400> 5520

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gaactacaaa	gttcgcacca	ccttcaaaaat	gggtaaggaa	gacaagcagc	acatcaacat	180
cgtogttatc	ggccacgtcg	attccggcaa	gtccaccacc	actggtcact	tgatctacaa	240
gtgtgggtgg	atcgaccagc	gtaccatcga	gaagttcgag	aaggaagccg	ctgagctcgg	300
taagggttcc	ttcaagtaac	cctgggttct	tgacaagctc	aagtccgagc	gtgagcgtgg	360
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cgatgccatc	gagccccccg	tccgtcccac	cgacaagcct	ctccgtcttc	ccctccagga	900
tgtctacaag	atctctggta	tcggtaactgt	gccgtcgggt	cgtgtcgaga	ctgggtgctat	960
caagccctqgt	atggtcgtta	cttctcgtcc	tgccaacgtg	accactgaag	tcaagtcctg	1020

tgaaatgcac	caccagcagc	tecaggccgg	taaccccggt	gacaacggtg	gtttcaacgt	1080
caagaacgtc	tccgtcaagg	aagtccgcgg	tggtaacgtt	gccggtgact	ccaagaacga	1140
ccccctgct	ggctgcgatt	ccttcaacgc	ccaggtcata	gtccttaacc	accccggtca	1200
ggtcggcaac	ggttacgctc	ccgtcctgga	ctgccacacc	gtcacattg	cttgcaagtt	1260
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ggagtctttc	actgacttcc	cccctcttgg	tcgtttcgct	gtccgtgaca	tgcgtcaaac	1440
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caaggccgcc	cagaaggctg	gcaagaaata	agctggttaa	tatgtgcggg	gatgcaatta	1560
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ttgattctac	agaacttgaa	tcatgatttt	attcggttaa	aagagacggc	ttntcgtctg	1680
gataataaga	gaacaatctg	ggattgatct				1710

<210> 5521

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(696)

<223> n = A,T,C or G

<400> 5521

cggagtagcg	gtcacaatta	cattcccacc	attccaccac	cagctcctcc	gtaaaacacc	50
aagtaacgagg	ggcatgagcc	gtcatgcat	ggccgccatg	ggcttccgaa	tcacaagccc	120
gagacaaaca	agatgaacaa	aaccaaaga	actgggacaa	atcactcaat	gcgatcgact	180
gggcccgcgtt	caccgaacct	aggaccctaa	ttcccaccct	gatectcacc	acaggaatta	240
tccggcgact	gcagatccac	cgcgcatacc	tgcgccgttt	ccccgacgct	gttagcatct	300
cgcctatgta	cttccggaag	aggaccatct	taggccaaat	gacgagcgct	ggcgacggcg	360
acggttttcag	actataccac	acacctggag	gaagattggc	aggatggggc	tggttgccct	420
gggaagagagt	tcccaccgcg	aagaaggatc	tgagagataa	aacggtgctg	ngatgngcct	480
ttactctttt	ttgcctagga	caagaggctc	aatgggttat	gtttagatct	ccgttcgctt	540
ggctgtgtgg	atgcgcggga	actcgcgcac	ttcngtcgct	cggagcaacc	tatgctcggg	600
aagctcatga	atgggtgacg	tcttacgtcc	taaacgcggg	gttcgggtcc	tgtgcatcgt	660
caagacaaaa	atcaacgtgg	tgtgggcctt	tgctat			696

<210> 5522

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 5522

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tccacccctc	caactacccc	aatggcaaaa	agtctctcgc	cggaaatttca	ctacgtgcac	180
tctaatatgg	cacgacccctc	ggcctctcca	tctccctcac	cattgtcctc	cgttctcttg	240
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aatactatgt	aacagccgcg	tacaacaccc	gctacgcacg	catttccgcc	tctctctctc	360
cttccaatgg	ctgggcatat	aatgtctcgc	acatatctgc	cgccttgga	tgtctcttag	420
ccatcagctt	ctggccgacg	gcgccttacc	tgaactgggg	aattctcga	ccaggccctaa	480
agattcaggt	tgtgctaagc	ctcgtcttca	tgattgttgg	ccaggtcgtt	cgcacgttag	540
cgatgggtgca	ggcgggaagt	aactttaacc	atacgggtgca	ngtcgagcgg	aaggaggatc	600
atagtctccg	tacgcatggg	atctacgcca	tgctgctg			638

<210> 5523
 <211> 1604
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5523
 gaagaagaag aaaagaagga gaagaagacc aagactgtca aggagagcaa gatcgaggag 60
 gaggagctca acaagactaa gcccatctgg acccgtaacc ctgctgatat cactcaggag 120
 gaatacgtct ccttctacaa gtctctctcc aatgactggg aggatcacct tgccgtcaag 180
 cacttctccg ttgagggtca gctcgagtcc cgtgccatcc tctatatctc taagcgtgct 240
 cctttcgacc tcttcgagac caagaagact aagaacaaca tcaagctcta tgttcgccgt 300
 gtcttcatca ccgacgacgc caccgacctc atccctgagt ggctcagctt catcaagggt 360
 gttgttgatt cagaggacct tctctcaac ttgtcccgtg agaccctgca gcagaacaag 420
 atcatgaagg ttatcaaaaa gaacattgtc aagaagacc ttgagctctt caccgagatt 480
 gctgaagacc ttgagcagtt tgacaagttc tactccgctt tcagcaagaa catcaactt 540
 qutgtccacg aggatgtcca gaaccggcag actctcgtca agctgctccg ttaccagttc 600
 accaagtccg gtgatgaggt caactccctc tctgaactatgc taccggat gcctgagcac 660
 cagaagcaaa tctactacat cactggcgag tctatcaagg ctgtcgccaa gtctcctttc 720
 cttgacagcc tcaagcagaa gaactttgag gttctcttcc tgggtgaccc tattgatgag 780
 tacgctttca ctacgcttaa ggagtttgat ggcaagaagc ttgtcgacat cactaaggac 840
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 aatatggagc gtatcatgaa ggcccaggcc ctccgtgaca cctccatgag ctctacatg 1080
 tcttccaaga agaccttcca gatctctccc aagtctgcta tcatcaagga gctcaagaag 1140
 aaggctcagg ctgatggtga aagcgaccgt accgtcaagt ccatcactca gcttctgttc 1200
 gagacctctc ttttggtttc cggcttcacc atcgacgagc ctgccagctt tgccgagcgc 1260
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 aaggccgctg aggaggtccc tgccgctgcc accggtgaga gctccatgga ggaggttgac 1380
 taaatgcttc ggcagcagcg gaaatgaaat ccaactgctt ttacgacctt ttattcaaaa 1440
 ctgtttccag ggtatttgca tcagggttaa tctacatcac tgactcgcat tgctgtttca 1500
 tttgggacgg gagaaagggt gttcttagtc acgatgtgat ttttaactct ccggcggttc 1560
 gagcgttttg tttccatata ataactctt aaattggtac gtct 1604

<210> 5524
 <211> 433
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5524
 gattattgcc gccattgagg agtttgtgaa agaacgcgca gatcaggtga cggcgaaactg 60
 cgaagtctct tctactcaac atcgactgct cattggacgc ggtggagaaa cagcagctgg 120
 tattgagtcg aagttcaaca ttacgctcga tatccctaag caaggctctg gacgttccga 180
 tatcaaaact aagggtctca gcaatgctgt tgcagaggcc aaggagcaca tcttttccat 240
 gcttaaggac caacaagggg agaccgtgga ggtccctcgg catttgcatc atgctatttc 300
 cgacaatggc tctttcttcc gtccgcttcg taacgactac caagtgaccg tggatcatgc 360
 tggccagcaa gtgccatcca agccctcctc ggaagacacc cgcggcgcag ccaacggcgg 420
 ttcactctct cca 433

<210> 5525
 <211> 714
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5525
 cattgaatta tattgatcag caccacaagac aacttcagca taccacttat ctagnaaaca 60
 accattaaga tacaactcaa tagccatgtc cgagtttacc gaaaagaaca aagaggtctg 120
 gggcaacttg gccaaagactt acaaaacccg gttcgaaaag ggcacaaagt tgatctaccg 180
 cctgactcag gaaaagcgcc tttggggtag tgacgtttgg actgacaccg aagccgggca 240
 aggcгааааа atcaagggtgt tggaaatatgc atgtggccct ggcgttgtat ctacggcatt 300

ggcgccattc	gccaccaaag	tcgttggcat	agacgtcgcg	gacggcatgg	ttgacgagta	360
caatgctagc	gctcgtgagg	ccggttttga	agacaaaatg	attggcttta	aaggtgacct	420
tctggccgaa	ccaatgccag	aggaattctc	aaggccagag	tattccgatt	tcgatgttgc	480
atttgtgagc	atggcccttc	atcatttcga	aaagccggac	ctggccatga	agcgtctcgg	540
ggaacgactg	aagaagggtg	gtgtatgtct	gataatcgac	gtacttccac	atggcaagca	600
tgaccacaat	gcccattgaa	tgcacaaccc	cgaccatgaa	accacgcaca	caatcaagac	660
tcattggttt	accttggagg	atatgcgcaa	gctgtatgaa	actgcagggc	ttgg	714

<210> 5526

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<400> 5526

gaggcaattc	accgtcccgt	tcacggctta	ccctcttctt	tcacagctag	ttctgccgga	60
acatcgcttt	tcattgggaa	tgtgggattt	aqtgttcacg	aagcaatgat	tcgtgatgtt	120
ttcgtcttca	agggattttt	agtcgaggtt	catttgcgcg	tagatgcaga	gacgggaaga	180
catgctggct	ttggctacct	gcgctttctt	tcctccacg	cagcaaaagc	ggcgttggac	240
gctttgcaag	gtgctcacat	agatggacac	tcaattaatt	tggagatcag	tgatcactct	300
ccgatcaccg	cgttagacac	atcacaggtc	cgcgaagtaa	actctaata	gccgccagcg	360
ccatctgaac	tttaattctt	ctctgttgcg	ccaactagag	cgaggcaggc	gtccgaacca	420
caaatagtgt	gagaacgggg	cttcattccac	gagcagagat	cggcgccctt	aaccgtggcc	480
gacctctgtg	cgagcgatac	ccccacttgc	tcttagctgt	cttcttgcca	taccttttta	540
attagcttct	cacttttttg	actcggaacg	accttaattc	tctatattct	ctcttctggc	600
cttgagggtg	ttttaaacaa	gcctgtgggg	ggaacaaacc	attttcgcca	cttcgctatc	660
ttggtcgggg						670

<210> 5527

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 5527

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ggaccaattc	aattcaactc	aatcaaacac	ccaaaatgtc	ccaagatccc	tacacgccac	120
ccccctccc	caaacctctc	acaaacacaa	ccccaccacc	aacctctctc	acccaaggcg	180
ccgaagccca	cctctacaaa	acaatccacc	taaataccaa	cacgcccgcg	gcactgaaaa	240
tcagaccttc	gaaaccttac	cgccacccca	tcctcgaccg	ccgattgacc	cgcacgcgca	300
tcctccagga	agcgcgggtg	ctgggtgaagc	tcgttcggga	ggcggttaat	gtgcccgcgg	360
tgctggcggt	ggattgggaa	ggacaagggt	gggagaatgg	gaatgggggc	gcgtgggtgc	420
ttatggagtg	gacgcagggg	ttggttgtga	gggttggttt	tgagaggtgg	gaggcgttta	480
tcaaggcttc	tgggggttcg	ttgggcgaga	aggagctacg	ganggaggag	gagaagggtta	540
gggggttgat	gaggcggatt	tgggtgnnng	nngnnggnnn	nntnnggggg	ggtntntntt	600
gggggtgtgn	gnnngtntnt	ttnttttttg	gggggggggt	ggtggttttg	gntttggggg	660
ttgtgggtgt	tggggggggt	gggggttttg	gggggtttta	aatttggggg	tgtg	714

<210> 5528

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 5528

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gcaaagggtg	gattccggtc	tggcgggggg	agacaatacg	agggagctga	gacgaagcga	120
ggggtctctg	agcgcgaggg	gtagcagcag	tcgagaaaga	agaagaagac	gaagaggaaa	180

tgtaagaaga	agaagagcag	gagatcgagc	gataagcggg	ggaagagaga	ggggcagaca	240
gaggggaggg	gacagcgcg	cgaaccgacg	cggaatggag	ccgaagggaa	ttcatcattt	300
tgatcggacc	tgatgccttg	gatacccaag	cggattaacc	atcggtaatc	gcaactccca	360
ggaaaactcc	cctgcttacc	tattcaggtc	tggggtacac	caaaaggcga	ataatgtata	420
cccaggggaa	gcactttgaa	gcttttcggt	tgggaaggaga	gagcgggcgg	tggagtcgga	480
agctcccgtc	acgccggaga	aagctgctga	tagatggata	taccacgggg	gagatcggag	540
ctccggaaaa	tatgttagtt	cccaggtgga	acggtgatta	gtcgtcgaga	tctgggggga	600
agtaaaggaa	aagagtacag	gagagaagag	agtttcgaag	gataaaaaaa	gtgaccaagt	660
cacgacttta	tctggcc					677

<210> 5529

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(648)

<223> n = A,T,C or G

<400> 5529

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gcgccccag	acccaatggg	ttagcttcat	tgacgatgac	actttctggt	tgtcccttcc	180
cactgtcgcc	gaggagctga	agcttttcga	tgtgaccaag	aagcactata	tcggctccct	240
gtcgggaagg	cactggcagg	ttgacacctt	tggtcacatt	gcctttggcg	gtgctggtgt	300
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gggtgagcag	cctggagacc	agaagctcgg	acagtgcatt	cagagatacg	gagatactcc	420
ccttaccctt	tgccctctct	tttaccagat	ggacatgaan	ggtgaggttg	acggcgtgta	480
caantcgggc	cggagaagaatg	agtcctctca	ccactggaac	agttggtaca	ctaaggacgt	540
tgtcaagatg	acgaccgtgg	cancggccgc	cggtcgcggg	tcantgcttc	gtcgtcgggt	600
gtttgaccag	gaaaagaatg	ccataaaactc	accggcnaga	gcacccgt		648

<210> 5530

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 5530

tttcgtcact	ccaagtacgg	ttcaaaaatgc	tgttcgggggt	agctttgctc	tttctaggag	60
ctgtcgtctg	caacccgggc	ataccagggg	aagatggtag	ctctactccc	actcccactc	120
cgactatttc	aagtagtaca	cccatctctg	cgccatccga	tgcatgcgcc	acctcatcaa	180
caagtagcca	gtggctaagc	gtatgcgata	ccactatttt	ctggccaaca	tcgaccaact	240
actactacgg	cccgaccacc	ggccccgagg	catccgcagt	ctcctgcaat	gccgaatggg	300
togaatttga	cggacgcgcc	accggcctag	aatccctcgg	cgaacgtcc	acttccacca	360
tctacagtac	ctacaccacc	agcacgggag	cctgcaacac	ccaaatctgg	ggcgaaggct	420
gggacgaccc	ccacacaggc	ccagtgaacca	cgctatgtga	cgggatcccc	cgagccctgg	480
gtccccgaga	atactcgacc	acatactggc	caggcacagg	accctgcagc	tcattcatat	540
cgttcgagac	caccacaacc	ctagtctatc	gatccccatc	accaacgccc	agctgctcgc	600
tttaacacga	agaatgcatt	ccctatcttg	caaacctaca	caaactccgc	gacgcctact	660
acgcctccat	cacaaccgca	acccccaggc	gattacaac			699

<210> 5531

<211> 1140

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1140)

<223> n = A,T,C or G

<400> 5531

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ataattatat	accgatagaa	gtatagagac	ccaccgtcgt	gaagctcgag	tcatacagcca	120
agcaaagacg	aattgtccaa	gttcggctgc	acgtcttgtg	gatataaatt	gacattccac	180
ccagctttct	ccttccaagc	gatcgtttag	agagcatcca	tagactatag	tctatagacg	240
cagcaaaaaa	gcctcccggt	attcattgcg	tgcgccatgc	tcagggtttc	cacaatctct	300
gcacagaaaa	tcattgtcatt	cgcgaccccc	tgtccaccga	cctgggcaat	gaacaatgcc	360
gcaaactctc	cgagaacttc	cccttccatg	acaagatcga	tctcgtaact	gcttctcccc	420
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acacgaaatt	gcttctctct	ccggacgtgc	aagaaaccag	cgatgttctt	tgcgacacgg	540
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ctgaactgta	agcggccaat	gttccagagg	gcaaagaagt	tgatggtgtc	cgtgtatgag	1080
ttgtgggaaa	atatactctc	cttgtcgata	tctttttgta	gatagtggta	gatgctttgg	1140

<210> 5532

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 5532

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tcctctcgaga	tctggacaca	ttcgcgcagt	cacctgccac	atcctcgccc	gcattacaag	180
gccagatcgc	agcttcaact	gcttccctta	cgcgcaccgt	cgatgactac	tcagctctat	240
cgaagaaaga	gttgataccc	gaaaaacaac	aaaaggcgtt	tgagagagta	aataattttc	300
ggtcggagct	agcagattac	cgactgcatt	tcgataggct	acgcaaagaa	cgagaggatg	360
cccaatccgt	gacaaaccgt	aatgaactac	ttggtcgacg	tccacatcac	acagcgacac	420
ccgagaaccc	atacgcccaa	tcttcccttc	ctcagtcgtc	ggccttcgct	ccatcttcgt	480
cccgcggggg	gctcagtttc	ggcgcttcac	ccgcagatta	caaccgtgag	actcatgcgc	540
ttcgcgagca	atctttcttg	gccaacacga	gcatacagct	tgatgaattc	ctcgacgggg	600
gacgtgctgt	actagcggat	cttgggcanc	ancgagaggt	gtngaaggga	acgcancgtc	660
ngctggatag	tgtcgtctatt	accctgggag	tcagcgggtg	aaccatttcg	aa	712

<210> 5533

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5533

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cgaagcggta	gcccacgtgt	ttggcaaaaga	gcttctcggc	atttgtgaagg	tggcagaaac	120
gtgggtggan	gagcagagtt	tgacagctgt	cttgaaaatc	tcaatttcagg	ttcctgatga	180
atatgtgggc	tctggctctg	tagttgatcc	actgacgtct	gttcttccatg	gcttacgtgc	240
tctttcgtca	gaagtcagtc	aggttacagc	agttcttctg	cctacaatca	accaaggtaa	300
aggtttgaaa	cgtaagggtg	atcctcgaga	agccgtgaaa	gaggaagctt	ctglcagatc	360
cagcagcgca	gcagttatga	cgacgcttca	gaggcaaaca	catactgttt	gtttcacctc	420

gaattcctcg	tgcaatttgg	caactgatag	ctgctctgga	catgggtttt	gctataaaaa	480
gtccggttca	gccaacgatg	aggccgctag	cgactgctac	gcattgcaaat	gcaagtgcac	540
catcgtcacc	aaggaagatg	gcactgttca	aaaaattcgg	tggggagggg	ctgcgtgcga	600
aaaaagagat	atcagctccc	ctttcttctt	gattgcaggt	atcagtgtac	tggtggtcac	660
ggcggcaggt	actgccgtt					679

<210> 5534
 <211> 1543
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1543)
 <223> n = A,T,C or G

<400> 5534						
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gccctggcag	cttctgggca	tgtaccccat	gttcgacccc	cctcgtgagg	atactgcccc	120
caccatcgct	gaggtctcag	accttggtct	ctccgttaag	atgttgactg	gtgatgctct	180
tgccatcgct	aaggaaactt	gcaagatgct	tgccctgagc	accaagggtt	acgactccga	240
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tggtttcgct	gaggtcttcc	ctgagcacia	gtaccaggtc	gttgagatgc	ttcagcagcg	360
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<210> 5535
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 <212> DNA
 <213> *Aspergillus oryzae*

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616

<210> 5536

<211> 1148

<212> DNA

<213> *Aspergillus oryzae*

<400> 5536

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<210> 5537

<211> 115

<212> DNA

<213> *Aspergillus oryzae*

<400> 5537

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<210> 5538

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5538

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<210> 5539

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>
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 <222> (1)...(639)
 <223> n = A,T,C or G

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ggcatgcgac acttcttttcg gcgaatcttt ggattccgtc aacattcttc tcctcacaac      180
tcaccccaga gacgcagcat gagctcctct accgtggcag ttcttttacgc cctcacactt      240
tcagtacctt caattttccac aggtcccgag gatgcgaaag agaagaaaca ccatgtctca      300
gggggattca cgaatccatg ggattcatac aagacccctg ctgttcagcg cttttttctg      360
cgacaaataa atggtagacg aaaccgtcct gacactacac cccaaccgt gccgtgccga      420
aaaccagagt tcctgcccag tagagaaact cctaagttgc gtgcgacgtg gctaggtcat      480
gucgtttact atgtcgagta ccccgagggg ctgcgaqtac tgtttgaccc cgtcttcgag      540
gaccgttgct caccgatttc ttgggtgggg ccccgaggtt acactgaaat gccgtggtea      600
atcaaggata taccattat cgacgcagtg gtgataten      639
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<210> 5540
 <211> 1266
 <212> DNA
 <213> Aspergillus oryzae

<220>
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 <222> (1)...(1266)
 <223> n = A,T,C or G

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ccggcgaaca acgtcacgcc tcataccaag ccggcaccat tggacaccat cccaacata      180
gactcaatcg aaggcacagg gactgatgga ggcgacgaat atgctacttt gaagaaactc      240
cagagacatt tagaatacat ccagctccag gaggagtaca tcaaggatga gcaaaggagc      300
ctgaaaagag aacttggttcg tgcacaggaa gaaattaagc ggatacaaag tgttcccttg      360
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gtgcgg
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<210> 5541
 <211> 620
 <212> DNA
 <213> Aspergillus oryzae

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gagagtatct	cggcctttga	tatcgcgact	atggcgagta	taagtactgg	ggcgactgct	240
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<210> 5542

<211> 1486

<212> DNA

<213> *Aspergillus oryzae*

<400> 5542

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<210> 5543

<211> 1176

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) (1176)

<223> n = A,T,C or G

<400> 5543

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<210> 5544

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<222> (1)...(677)

<223> n = A,T,C or G

<400> 5544

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<210> 5545

<211> 547

<212> DNA

<213> *Aspergillus oryzae*

<400> 5545

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<210> 5546

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

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ttagtcggag agcggcaacc cttcaaaaat cgggcttgag ccagaaatct cgaagcttgt      180
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<210> 5547

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

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gacctagaga gcagatgcga tgttggtggc acacctatag tatatgctgc taagtacgga      360
catgagatg cggtcaggct gctgcctgaa aagggtctta tagtaaateg acccactttg      420
tgctggcccc gctggacgcc actaagttgg gctgttcata atgagcataa ggatgtggtc      480
aggctgttac ttgagaaagg ttctgatccg aagttcaagg gtacggaata tgacgagatt      540
cagttattag gagctgcaca atttgagat gcgaaatttg ttaatctact gctcgagagg      600
ggcactgacc tanaatgcaa ccactatctc ggtcgcacac cattgagcaa tgggtgcttgc      660
catgga                                     666

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<210> 5548

<211> 537

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

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<400> 5548
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aaaagcgaac ggtatcgaat ttgaagaaat tccagaggct ttccacccaa tcgccggaaa      180
gaatcaaatc aaagatctgc acaaaaacta ctttgacgac gaaagttaca ataaaggtea      240
cggccatgta tacgaataac tcggtatcag ccccgagaaa ggtgcagttg tgattgtcaa      300
acnngatcaa tatgtctcgg ccgtgattgg actggacgat taccggcaga taggcgcctt      360
ctttgaagga ttcttgatcc ctcaagggtg atccgcctct ccggagagaa aattatnagg      420
ggttgcccctc attggatgtg catactatgt gataaaacac attcagatat gacgatcatg      480
aacatgaaca atnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnttccct      537

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<210> 5549

<211> 616
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

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tcgggcattt ctgccatggc tgaagaagac aaatccaata ccaacaagat tacctcgggc      120
ccatatagtc ctaagccgga gtctcctacg acggcacgcc ctctagattt tgatgatgaa      180
cctcaagaat ctggcattac ctcggtgtct gcagctgtag ctcagcagca tgcgacagac      240
gttgccccgc agaagccgcc gcgtccactg agcccgcaac aacagtccga aacaaccctc      300
aagaagcgt ttccaactat tgaagtgtca gtaatcaagg cagtcttggg agcgagcaat      360
tgggacgttg aacgcgcttt ccattgtctc ctltgggtatga ctgaccccag cgtgtccgag      420
caagatgttc ctctccaaa gccacctcgc cctctgtcaa cacagagaca gttggaagca      480
gatgaattgt atgtctcgcca gcttgccggag cattacaatc gccgtggacc ccaatcccg      540
ttggagggtg gtcattccata tgatcgggna naaaggacag tgagctgttg gaggacagag      600
agtatagttt ttttgn                                     616
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<210> 5550
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5550
ctctgaactg tcttcttgac atccatccac ccatacatca tacacaatgc cttccaaccg      60
ccagttcgac cccaacttca ctccctatgt gatcaactcc atgggaccca agacccccga      120
ggcactcgt gtgtctctgg gcgtctctat caagcacatc cagcatttcg cccgcgaggt      180
cgagctcacc cccgcgaat ggatgcttgg tgtcgagttc atcaactcca tcggcaagat      240
cagcactccc atccggaacg agtgccaccg tatctgcgac gtgatcggtc tggaatccct      300
tgtcgatgag atcgccaaca agatcgtcac ccgaagacgg tgtctcccc cctccaacg      360
tcattctcgg tcccttctgg tcccccaacg ctcccttcgg cgagctcggc gacagcatca      420
tccaggaccc caaccctaac ggcaaggtoa cctacatgca cggagtcttc agggacatgg      480
agaccggcaa gcccatcgag ggcgccggtc tcgacatctg gcaaagcttc gccaacgggc      540
agtcactttt caggacccca accagaccga aaacaaactg cgcgcgaagt tccgctccaa      600
caagaaaggc gatttctggg ggacttggtc caaccacccc cttatttctt gtccacctac      660
aggccacag g                                     671
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<210> 5551
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

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agggcaaccc cctgggtgtc gtccaccttc ctccctgggc cccgctctct caggcccaga      120
aacaggccat tctctgagaa ttcaaccttt cagaatcagt ttccatacat gatgtcgacc      180
caagcaacga ccccgacccg cacacccgcn gcatcgacat ttccacgaag aacgaggagc      240
tcccccttgc cggccatccc accatcggca cggccagcta cctccaggcg caagggatca      300
acaagctcat caccgaaggc ggtccattc ccattccgctc cgatgcggga gaagggtcg      360
ttagcgtctg tattccgcac gacacccatc tcaactccaa ggttctcggc cacatcgagt      420
caactcttcg tgcgggaccgc ctgcattcca ccccagagat tcgctcagca gagcttcaag      480
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ctcctatctt	cagcatcgtg	aaggggatga	cttttgetct	tattcccttc	ccgagtcctg	540
atctgggtatc	tcaggtttta	ccaggcgctn	tccttgtg	aatgcgcgac	ctttgtgatg	600
tagaatggag	tgagacgttc	atcgggcggt	actattatgt	tattttcggg	g	651

<210> 5552

<211> 1294

<212> DNA

<213> *Aspergillus oryzae*

<400> 5552

cacactttga	ccggaaatac	tcgctcagc	ctctgctttc	acagggttcg	tcaatcttac	60
gtgcttacgt	ttacgtatct	acattgaagc	gattccatt	ttacgtcacg	cgactataat	120
tcgttcgact	gtttcacacg	atcaactgcc	cacagagagt	ctgacacaa	ggccacacca	180
ccatcgtaca	ccaagactac	ccacaccgcc	acatatgctg	gcatcaacc	aactcagccg	240
ggcctgtcca	cggcgggcaa	ggttgtgctg	alcactggcg	catcaggcgg	catcgccga	300
gccacagcct	catecttgcg	tgcategggt	ccccagagcc	tcatectcct	cggtcgacgc	360
ggcgacgcgc	tggcagaaa	agccacgatt	gttcgcacca	gtcacgcaga	ggtgacgatt	420
caaactcacg	aggctgagct	gtgcgatgct	gcgagcgtag	gcaatgccat	gaacaagggtg	480
gctgcggagt	ttggcgccat	cgacatcctc	gtccattgtg	ccggcgctcct	ggcccccgctc	540
gtgcctcttc	tgggaagcga	tcgggctacc	tttctggacg	gctacaagac	caccgttgctc	600
ggtacactgg	taacggcgca	ggctgtcgct	ctggcaaaca	ggaccgtcag	tgccagcgag	660
gacaagccag	tcacctttat	caatctcacc	acggcgcgca	tcctgttccc	cccattcccc	720
ggcatgggag	cctacgtgag	cagcaagatg	gcggccgtca	agctcttaca	gtcctttgctc	780
accgagaatc	cgcaagtgcg	tcttcacaat	gtgcactcctg	gactcctcag	aacggccatg	840
tcggccaagc	tggcagagac	gatccaattg	ccatatgcct	atgatgacat	cactcttccc	900
gccgatttcc	ttgtctggat	tgcctctccc	gaagcggagt	ttctcaaaga	caaaatcgctc	960
ttcgccgctt	gggacgttga	tgagctcaag	gctcgccaga	gggagattgt	cggcggccccg	1020
ccaggaactg	gtgagctctg	gcttggtctac	caaggattcc	cgcgattcat	cgctggccag	1080
cctttgtcag	gaacccagta	ggcgaccggt	acatgtatgg	gaagtcgccc	atcccagatc	1140
aaggggacta	ttgcacgcga	gcgttgatca	tacaagtaga	tgaacgataa	attcacacat	1200
tagagcgcta	gcgcacaagt	ttgcaatgaa	atgaatgcta	gaaagtatat	tgctccgacg	1260
aaaaagacaa	aaaaccacgc	tatccaaaat	tcct			1294

<210> 5553

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5553

tcgggtcagg	aaactcgtat	ttagcgcagt	gagctgaact	ttgagactgg	cacctgtcat	60
tgaacgtctg	tcattgatgg	gcttcctccc	atcgcggaag	ccactctaca	agctgcgctg	120
attaatgcgg	ggcacaatat	actggcacag	agcatccagt	catatagaga	tgagaaaccg	180
ttcgaaactg	atctgcaaac	actgtttcaa	ttcacaacat	gtgcctttgt	gatgtcccc	240
atgaccttcc	tgtggttggg	aggtctggaa	tcagcacttc	caggtcatac	tagcgaygag	300
cccgccgcca	ccaagtcaac	gaccgaaaag	gcggataagt	tcaaacaaaa	gaagttaaat	360
gtgaaaaaca	cgggtggcaa	ggttgtgac	gaccaagtgc	tcgggtggcg	ctgggctacc	420
gtccttttta	gtttgaccat	gggactgctg	cgtgggcaag	agtatgatgt	tcttatggac	480
cagattcgca	aagatttctg	gccccctcctg	atcgcgggat	ttaagctatg	gccattgggt	540
tcaatcctga	attttaactgt	cgtcccagca	gataagagac	tcttggttgg	tagtatattc	600
ggtgtcgtct	gggtgggtta	cttgagcttg	atgtctgg			638

<210> 5554

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 5554
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ttctcgccaa gtccgtcaca ccttctcgta ttgaggacaa ccgcaagttg gttcaactcg 180
acgagtcgga catgggtacc attgccaaat acaccgacga cctcgctgcc aggaaagcct 240
tccagcgctt cgtctaccct cccttcggcg tcgacttcgg attccccgac aagtcataaa 300
ctgtttggag tctacctacc aagcatctcc tggcacatat gaccaccgga tgcgaaaagc 360
agggtcttcc atccaccttg ccatacctct actatcgtga atagacaggg caaaatctca 420
gtgaaccatt aggcttatta ttctcttata gagaggcggt atgtgcccgt tagtggtgag 480
tgtggacgat ttgagtgagc attgtataac agcctgggga gcctggataa atagtnttga 540
ttctttggat ttgtttatag atagacgaca tatatccctc atgaatgatg ttccaggaag 600
cttctccctt gcttgggtca attgtctatg cttagga 637

<210> 5555

<211> 1495

<212> DNA

<213> *Aspergillus oryzae*

<400> 5555
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ggtagtaccg ttacctatgg gatggacct tatgcgtttt tcttttcttg cagacaaaag 180
tatggcgaca tctttacct catattgctt ggtcgaaaaga tcacagtgtg tctgggcatt 240
caaggcaacg aattcattct caatggcaag ctgaaggatg tcaatgccga ggagatctat 300
agcccgtca ccacgccagt ctttggctcc gacatttgtt atgattgtcc aaattcaaa 360
cttatggagc agaaaaaatt cataaagttt ggccttactc aggcggcact ggagtcgcat 420
gtaccattga ttgaaaaaga agtgcttgac tacctcaaga catcccccaa cttcaaaggg 480
acatctggca gggtcgaaat caccgatgcc atggctgaaa taactatctt cactgccggg 540
cgagcattgc aaggcgagga ggttcgcaaa aagctcacta cagaattcgc agacttgtat 600
catgaccttg atcgggggtt cactccgac aacttcattg ttccgtgggc accgctgccg 660
cgtaaccgga agcggggtgc agcccatgcg cgcattgagg agatctatat ggatatcatt 720
aacgagcgcc gcaagaaccc agaccgagag acctcggaca tgatctggaa cctcatgcat 780
tgtacctaca agaattggaca gcctctgccg gacaaggaga tcgcccatat gatgatcact 840
ttactaatgg caggtcagca ctcatcgta totatcagct cttggatcat gttacgacta 900
gcctctgagc ctgcagtcac ggaagaactc tatcaggagc aaatcacaaa gctcagccc 960
gatggaagaa ccttcccgcc actgcagtac cgcgatctgg atcttttgcc ccttcactca 1020
aatctcatca aggaactct gcgcttacat ctttccattc actctctcat gcgcaaggtc 1080
aagaaccgga tgcgggttcc tggcacacct tacgtcgtcc ccgcagacca cgttctacta 1140
gcattctccg gtgtgaccgc tctcagtgac gagtacttcc ccaacgcac ccgctgggat 1200
ccccatcgct gggagaaccg ggttgaaaag gaggatgaag aggacattgt cgactacggc 1260
tatggcactg tgtccaaagg aacatccagt ccttatttgc cctttggcgc tggccgccat 1320
cgctgcattg gagagaagtt tgcctacgtt aatctaagag tgattgtggc gaccatggcg 1380
cggcacatga agctattcaa tgtagacggc aaaaaagggg tacctgccac agactacttg 1440
tccatgttct ttctgcccct cgaaaccaac caatatatgt tgggaacgac gcctc 1495

<210> 5556

<211> 413

<212> DNA

<213> *Aspergillus oryzae*

<400> 5556
gtgcctcgcg tttcatggag atgatgtgtg tcattgtcac aattggaant gcgatccaga 60
ctgcttcggt aaatattggg atgttccttg caggcccgct attggccggg tatgctgttg 120
gggagattgg ggcaactgtg cccatttact tgagtggagt ttctgacccc cggtatcgcg 180
gtctcatrgg tgggatctcg gcatgcggga ttctcccttg taataagggt ttccattggg 240
ttggatacgc ccgcagcttt gcaccggatg ggcagtcaca atggcgaatt tcacttggaa 300
tttcaaatcc cggcggatta attatgttct tcgggttgaa acaccttatg cctaaattct 360
ccgggggaact ttgcttccaa ctgggaacgt cttgccgacc actctaaata act 413

<210> 5557
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 5557							
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gaactcatta	cgacaatgct	cacttgctcc	gaaattgaag	gtggacggaa	atcgacattc		180
atactgcata	ccattcaatt	gattcttccc	aagcttgaag	ccgctgttga	agaggatctt		240
cccgaggcga	ccgaactagc	acgcttagct	gaagttntag	ttacaaaact	ggaatcaagt		300
gcaacaaaag	caaattcggc	ccggagaagt	ggggatgtca	tcgatgagaa	gtcccatcaa		360
ctcttccaga	tctgtgttag	aggtatcgct	ctggcgacag	gaaatgttaa	tctccgagaa		420
actttctaca	acatatgctt	atcctacatc	gcccgtatca	tccagcccga	tacaggacac		480
gagagtatca	aacagcatag	ccatcagatt	gtcaagatgg	ctggcaccac	actgattgaa		540
ccgatatgcg	atgatgcata	tgctggtcag	gagacatgtc	ccgtgtctgc	tcttatggtc		600
ctcaatttcc	tggcgacctt	cgtaaaccag	gggagaatca	atctggcttg	agtcaatttc		660
ccagtcaaat	aactaaaatt	tctt					684

<210> 5558
 <211> 721
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5558							
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acccttgacc	aaggaggagg	cagaatacat	ggataatctc	accgaaacat	tcaacacaaa		120
cgtaaatgca	ccccacgaag	taatccgtac	attcctaccc	cttctccgca	aaggagaccg		180
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ggcgaaattg	actccggcgt	ataatataac	caaggctgcg	ttgaatatgc	ttactgtgca		300
gtatgcgctt	agtcttgagg	atgagggggt	actgtctttt	gtctaaacct	gggtgggtta		360
aaaccgacta	gggggaccaa	aaacataact	ccccgtttca	ccggtgcaaa	gcaatggcaa		420
aaataatcct	taaggccaat	ccccaaaaac	aaatgggaaa	ttcctatata	gtaatatccc		480
cagggttgata	aacataaaaag	gggttatata	tattcaaagg	gtcgcaaaat	ccccctgtga		540
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attattaact	atatccctgt	ctcagtatac	taacaattaa	taatgtatga	agacatatca		660
tagaatagat	atagaatgat	atataactat	agcttggcgg	atgcattcatt	ggatctaacc		720
a							721

<210> 5559
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5559							
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cccggtatat	catcccatat	cgagtaaagg	attgatccac	ggttccatcc	gatctagaag		120
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gagcgtatcg	tttgaacgaa	ttccacgaat	atggtgcagc	aacttccctc	ccaaggaagt		540
tcaacgaaaga	tccccttcaa	cgtttccgac	caatatgaaa	ttcaagatgt	caattggtga		600

aagtgcctac agtgttgggtg tgctctgcca tccacaaacc aatctgggtca aaaaaqtcgc	660
catc	664

<210> 5560
 <211> 698
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5560	
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aaccatagaa tacactacgt acgtctttat atcgggtttct gcatgagagc aagttcattc	120
agatagtacc gagtatacca cggcaataat gtgcggatcg gacatcttcc tcgcgaccc	180
cgcgatattc tccccaccgg ttccagtatg gatcaaagta ggcatttgta cagcagattc	240
gatcatcaac cttgcccctt gttgtctcgg ctatgtgcgg ggcctactac atgcctggta	300
tatcattctc aaatatccag agcaggacc tgatgatcca tattacgaac cggttcccgg	360
taacgcccac cgaagggaag tcgaaaaagg ccattgtgaca tactactacg tttctcatca	420
acagatccag caccgcgtct agagaggcta cggcactgtg gacccaacta cggcgacacc	480
ccccctgcaa caacaatcac agtccactcc taagccccag aatgagcccg cagccggtag	540
cagcggcgat caaacacagg gtgattcggc accaccaccc acgtatgccg aagccgtgaa	600
gggtgaccat aaggtacagg actgattcag gcatgcgtgg aagtccttcc taccactatc	660
tagccatcgc ttatctgaaa cgtctctatg cgtaaggg	698

<210> 5561
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5561	
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acctttactg cctccctcct ttccgcatga cgatgcgaga atatgctggt ggggaccagc	120
aaaaccccaa cggctatggc tatgggggaa acaacaacta ctatcctccc cagccgaacc	180
gacaaggcaa cccatctccc cagtcctata accaccgcaa cccagcggc tacaatccgt	240
acctccatc tggttcaaac ccttcgaga caaattacaa ctacaattct gggaatcagt	300
actacccac gcagactgaa tatcctcagc cgcagccatg ggggtggacc tccccccgc	360
cggggaacta ctaccagcag cgggagaacc gatcatacca taacctcca tatgggggac	420
agccaccata tccccattct gaatccccgc ggcccaacca gacggacgcc taccctccta	480
aacctatcc tctccctcc cgcgaacagg gcggttacgg ccaatacccg cggcgccac	540
caccatattc cctcagccc accggtagca ccgatacccc gaatgctgaa acggaagaaa	600
ggacagagga ttctcgggtg cggtcgcggg cggggcagct ggtgcctac ggtgggtcata	660
aagtcaatca cg	672

<210> 5562
 <211> 702
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A, T, C or G

<400> 5562	
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acctgctggtg tcgccaactc cgccttggtc gctcccaga tcgacaacct cgtctcccag	180
ggggaaggta tcgcccagat cggcgagacc ggtgcccccg ggcgtgcctc atccatcaac	240
tctgcgcggg ggcgcgcggc ctccagcgca gagagctggg gctcctccgt cgtttccgac	300
gccagagaca gggcctctc catcgcatcc gaggcagct ccaagctgag cgacagcctg	360
accacctga cgggcaccaa cggccagccc acttcacccg gctcgtctc taccacctcc	420
ggcagcggaa ccgaqaccac cactgccaca agcactcca ccaccggtae ttctttctcc	480

tcttctctctt	cctcctcagc	tggcagtgcc	tctccacca	gcagcgacgg	tgcaggtgcc	540
atgcccactc	ctttcagctt	cngtgccggg	tgtcccgggtg	tcgccgggtgt	cctgggtgtc	600
atggctgctc	tgtaaacgaa	ccacgaataa	catgctagaa	ccgtcgctat	ttttggtacg	660
aaatactatg	ttacactata	ccatgaatga	aggcggaat	an		702

<210> 5563

<211> 1291

<212> DNA

<213> *Aspergillus oryzae*

<400> 5563

cactcaacta	aaatcatcac	aatgggttga	atggggccaca	aacgtccctc	atcctgcaag	60
ggatcgatgc	atgagctgcc	ccagaacctg	ttggagcaga	tcaagcaatt	cgaggacatc	120
tttaccgtgg	acggcgccaa	actcaagcag	attgocggacc	atttcgtgaa	ggagctcgaa	180
aaggggtctaa	gcgtcgaggg	gggtaacatt	cccatgaatg	tgacctgggt	catgggatcc	240
cccgatggcg	acgagcaggg	aaaccttctc	gctttggaga	tgggcgggtac	taatctgcgt	300
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cgtatgccgg	aggagttgaa	gacgggtaca	gcggaggagc	tttgggaata	catcgccgac	420
tgtttgcagc	agttttattga	atcccaccac	gagaatgaga	aactgtctaa	actgccattg	480
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tggacaaagg	gtttcgacat	tgacggagta	gagggccagg	atgttgtgcc	cccattggag	600
gcaatcctca	agaaaagagg	ccttcctatc	aaagtgtgtg	cgttgatcaa	cgacactacg	660
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gcccctcttg	atctgtttga	gacgaggcct	ggtctgattt	tccagggcca	agacacattc	1020
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tacaagaact	tgtaggaact	tcaagagctc	atggagcgca	agctgaacat	tagggcacc	1140
atcaggaaact	ggaaaagatc	cctcccttgg	gggaattgat	atggactctt	gcaccacggt	1200
ttaaacgttg	gttggggagg	cacctcgag	atcacaaagg	ggcatctttt	tgtgtaagct	1260
ccctcgtat	agggactcgt	ggtttactcc	c			1291

<210> 5564

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5564

ctaaagctga	tgaggaggag	ctgctacaga	accttagggc	tttggaggcg	aagaaaggca	60
ttcgcagtca	ggatgacgac	gatgaaatgg	aactcaatac	tccccagtt	gaagaggagt	120
ctgataagcc	cgagaagcct	tcgattgttc	gcttcgaaat	gcctcatatg	cggttcaacg	180
cacagctcac	tgtgcaagat	gatactctgt	tcattctcgg	aggtacctat	gagaaagggtg	240
atcgtgaatt	tacgtttaat	gacatgtact	ctatcgatct	cgtcaaactt	gacgggtgtca	300
aggagatctt	ctataacgaa	ccagagaact	ggaatctcct	taacgaggag	gaagagagcg	360
acgatgaaat	ggacgacgac	gaagatgatg	aggaagagga	ggagggagat	gaagaggaag	420
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cgcaagaaat	gggacaactc	gaggtagagg	agccagaggg	agagcaatct	gtacagggtta	540
gtaggcctct	tcccggaact	tcgaaagctt	gcgtgagctt	tcaaacgtac	gtctgaaada	600
tggcagaaga	ttttgcttga	aagggtttaag	gaaagggttt	ggagccggga	tgaatattac	660

<210> 5565

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<400> 5565

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gccaggccaa	tttctctccc	agatgccaat	gggtcctgga	ggccagcatc	agaccccccc	180
tccaccgcgg	ccgatgcccc	gtgcgggtcc	catgaacatg	cctaagaaca	catccgaact	240
accctctgat	aagccctcca	gtaagcctgg	tagccgtaat	ggcacgcctg	cacctagtaa	300
tgcggcccaa	aatgccccca	cgccgcccgt	tgagtctaa	ccgccagttt	cggaggctct	360
tcaagcggcg	actggctcta	ctcaagttac	ggctggcact	gctaaggcgc	cacctactgg	420
acctagaagc	ggacgtgtgc	agcctgccat	acctattgcc	gcccctggta	agccgccagt	480
tcctcaggtt	cctggccccg	ctggggctcc	acaaggccag	gcttaggcag	cgatcactga	540
agctactcgt	gctgctactg	gccgttgtag	cagctgtcat	gggtaagttt	gccccaaacc	600
ggtgcgcaaa	aaaagacccg	ccgatgtttc	cgtgaagggg	ggtactaatc	aaattgctga	660
aatatgttcc	tctatcacc	tcggtggaca	cctgagcggg	tttctctccc	tcacc	715

<210> 5566

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5566

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atatctgaga	ttctcttggt	agtaggetca	gacttcaccg	tcgacgccat	gttcagttta	120
cggcgacagg	cagggcatag	gtcggagtgg	tcagtgcca	ttgcaacaca	tctgcgacag	180
aagggtatggc	cacaggatgt	tgtaaatgga	tcagttataa	gcgaatagca	gacctggcag	240
tccagctcat	tctgaacagc	gtccttaagt	ctttcgaaac	gctggttttc	ctgggtctata	300
ggctcgtgca	tttcaaattt	gagatctgac	gcatcatagt	cgaaacgacc	gtacttgact	360
aggtcgtaca	tacctcttaa	taatectccg	gcagcatctg	cacttttctg	cactgtcccg	420
ggctgatcac	ctctcaatcc	tgctcatgtca	ctctaaagcc	acactcgttt	cccagaggcg	480
cctccgaacc	agcactagaa	ttgcaaagca	cccgattaaa	aacatccacc	agcctactca	540
acagcacatc	ggccccccag	tcacctaaac	aatgtttttc	aacccaacca	taattccgta	600
ccccaatggc	ttgtgaatcc	cattttttta	tcgtccctcg	acgggatatg	tgattcccg	660
tcctctcataa	attgggggca	agcaaaaacc	ataan			695

<210> 5567

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5567

gccactacat	ccgattgctg	gaagactccg	tgggtcgtcg	tcttgatagt	gcttggcgcc	60
atcgctctgq	cctgtttata	tcgtaacgag	aaatactttg	cccgccacc	ggctgtcccc	120
accactact	tcgtaacct	gtccgttgtg	gtctcaatgg	cgttggcatg	cgttgacaac	180
atcggatttg	gaaccaccca	gacctacctg	tacgtctggt	ccatgggtgc	ccaccggact	240
gctcatgtat	cgattacggg	cgtacaaatg	gatcgggggtg	gtgggcgcgc	ccatccgaat	300
ggtcgggtac	ggagtgtatg	tcggtctgcg	caaaaacgag	agctccgtcg	cggaaactgtt	360
catcgtgcag	ctgatccagg	gcgctggcag	cggcatgata	gaaacgatcg	tcctcgtcgc	420
ggcacagatt	tctgtgtctc	atgccgaact	ggcgcaggtt	acgtcgtctc	tcctcgtggg	480
atcgctcttg	ggcaatggga	tgggtctcgc	gatcgtgtgt	acattttact	ccaatcaact	540
gggtgacggg	ctgcgttttg	atctcggaca	cagtgttgat	gagggcaccg	tcgtccgggtt	600
gtacaactcc	attacgggata	cgttgccgaa	ctgggggaacg	gtggagccaa	atgccggaaa	660
ccc						663

<210> 5568

<211> 721

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

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<400> 5568
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cttattttctc tttaccgacc atggcgctcc agagtaactt catggccgcc atgaccaacc      120
ggtcgctgcg cactgtccga ttggaacttg agttccttgc ggatgcgtcg gtcattactc      180
cgcaacaact gtcctcgata gtatcccaac taccocagga gaacactgaa cgttccgcct      240
ctgtacctca atcggtacct caatcgagc cacctgtcca gcgtcaccaa cccctgttg      300
cagccccaac tcccattcaa cttctctcag ccccatactc tctctccacc caacagtttg      360
ccaatacctc gttgaacgag aaggccgcct atcaaccgcc cccgcagcat tatactcccc      420
caccgcctgc ttatcccca gctcccgagg tgcctctcgg cgctaattgc ctctacgctt      480
acactccaac ggatcccggt gatctggctc tccagcccca tgatcgggtt caagttctgg      540
agcacatgaa tgccgattgg tggcggtggt gtaatgagcg gaccaacttg gagggatatc      600
tccctgtaaa ctatgtgagc gtgatagaaa acanggcgcg ccaagctcta cgagttacgg      660
aaatatgccc ctcgaaagta ggcagagtgc tccgcttgaa accccgacga ataaaaaacc      720
g                                                                    721
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<210> 5569
 <211> 1071
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1071)
 <223> n = A,T,C or G

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ccaactctct tctaccaaac gcctcaaata aaagagtacc ttattatctt ccttgcaaca      180
cggaaacggc accgcaactc ccatctacga agtcgcattg ttatcctcga aaccgaacct      240
ctccatctcc cgcctgcagc ctgcatacca gcagcaacca ccaccaccgc ctcaatatgg      300
ctatccacca gcaccaaacc catactacca gcaaccatac cctcctccaa acccatttcc      360
accccagcaa taccgatgc accccaata tccaataaaa aaccaccac ccaccaaac      420
aaccatagga accgtttccc tctcctccat gtcctccaaa atcaccatct caattcacia      480
catccccgaa ctcaaaatga agcgtccgga ctctcctgcc tccgggcacc aattcaccca      540
tccccgctac ggcaccctcg aatggaaaaga aagcgatctc cttgagaaac gctttaagct      600
tgctgactcg aacaagaccg tgctggcccc gttcgataag tggaagttag cggaccacca      660
ggggcaggaa tcgaaatcgt ccattgtggg tgggttcctc tcacgacga agaagaagaa      720
gaaggcgtag gcattccaaa tctttgtaaa tgcggatccg gagctgttg attggattgt      780
ggttagtgga ttggggggtt ttgagtatcg gatcacttcg gataaggagl gggaggagga      840
gcttttgga aatgaggatg gttggtcggc tttgttgagg tagtttttgt ctcttgtcta      900
ccttgcttat acattttgta cctggaatca tttgtgctgg catacttttt cttggatggg      960
gacagactta ttgtaaggat gaacttttgt atgtacggga ttactggctg ttcgctatga     1020
gaacttggtc tctgnnnaaa aaannnnnnn nnnnaaaaaa aaaaatttcc t                                                                    1071
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<210> 5570
 <211> 450
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5570
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atcatgtctg cttcgtgttt ggcgttgaga cggctgacct accggtctcc ccgcactttc      120
cagtcocgca tctcctccgt ctccagaatc tcactcgccg catcctcctt ctctccctc      180
aacgtctctc gcgcagttaa ctgcaccgct cctcgagtct ctggtttctc aaccatggca      240
cctcttcagt ctggctctca ggatggcgcc ctccagaagc cctacgatcc cgaaattcag      300
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gacatggcca	actatattca	caactacgag	gttaactcgg	acttggctta	tgacactgcc	360
cgtcttgtgt	tctcgtatc	cctaggctgt	ggattggaag	ccttgaaatt	caaagagtgc	420
accaagcttt	tgggtcccgt	tgtggaagga				450

<210> 5571
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 5571						
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cctccgtctc	cgacatcacc	cacacgctct	ggcagcagta	cctggcgacc	acgcccgaac	180
gaacaatgct	cctggatgtc	ttcatggcat	tcttggttct	tgtcggtggt	atccaattcg	240
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tggttggtga	gggatttagt	tagttccctg	ggtggatcct	tgtgtttant	aggggttggt	600
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<210> 5572
 <211> 636
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 5572						
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cctcatcggc	ggacttattt	ccccctccac	ataactacct	aaccaatcaa	ttactcatct	120
gtttctacct	tctccacct	ccatcatgag	ttctggatct	cctcaaggcc	cgaagcctaa	180
gtccgtgtgt	ccacctcgtc	tggtgaacgg	gagctcttcc	ctcaattcca	acatgaactc	240
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tatcccgcca	gagttcaatt	tgccagagac	ggtcgcacac	tctgtcgacg	agtctaccca	360
tgtaactaac	gaatcgaata	ctgactcagg	cgcggtaaag	ccatctttga	atgacccggc	420
cogtgatcca	agagatgacg	cccgggcttt	gacccaccg	tcgacagcta	gcccggcggc	480
aagtccatac	acgtatatc	ctcctatcga	ttttgacgga	ctgagctggc	cctgccccgg	540
cacaagggcg	cgggttgag	cttcgcccga	ggaaacggan	gaacgagttc	aaaaattggc	600
aggtgcagtg	agaaccattc	tggagtgcac	tgga			636

<210> 5573
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 5573
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aagattgtct atttcccttc cagcatcaat cttaatgagg ttctgttact ggcacaactt 180
gggtcggaac agttcaacgg atatgacggt ggctggattc gaggaggagct acgaccaggt 240
gatctattta tcatgcccc atcatgtcca cagctgtct tccaccaga tgattcttta 300
gttgctgggt gccactttta tacctcgccc cacttacct caacactgga aggggttcaat 360
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ctcgagaga tcttttagttc atacgacaaa gttgagacac cggaggagggt caagcgtgtc 480
tggttaactt gcgactgtt ccttggttcg cggacaaaac cccggccaac cacatccgc 540
gccaaattta taaattctct aggggattgt tataacaggg cggctgaaag cttctcacia 600
gaaccagaat aattagatac aggtgacaga gagagagggg gaaatgcatt ataccgaat 660
gcagccctt tn 672

<210> 5574

<211> 797

<212> DNA

<213> *Aspergillus oryzae*

<400> 5574
tggaattgac tagtgacta tggaacgagg cttagcattc tctctactta cccccacttt 60
ggaagttcta atatctctct tcaaacctca cattacatct acactttact tctatacata 120
gaatacaata caatacacta cagccatcat gcctaagatt accgaaatct tctttgattg 180
tgacaacacc ttagtcctct ctgaggagct ggcttttgag gcatgcgcgc accttaciaa 240
tgagatcctg gagagccgcg gtatccctga tgcctacaca ggggagcagc tgattcaaga 300
cttcgtcggc cagaacttcc gtggaatgat ggtctccctc caagccaagt acggattcga 360
gatgccccaa gaggaacttg aagcgttcgt taagaaggag gaggacaaag tcatcgctaa 420
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catcaagaaa gtcggacagg acaaattttt tgacgaggat atggtcttca gtgctgccac 600
ctctctcccg aaacctacct ctaagccoga tccagctatc tatctccacg ccttgaaaaa 660
gtgcaataag aagccggaag agactgttac tatcaggagc agcaagtctg gcgctcttag 720
tgctatccgc gccggcattc acgtcatcgg ttacgttggc agctaccctg gtgatgagaa 780
gaaggtcgaa atggcca 797

<210> 5575

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5575
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tttcaacgtt ggtgtgggtc gatacggctt cagcgtctaa acatttcaca ttctttttgt 120
ttccgatgtt cctcagttga aactgtacgc tgttgttcag cgtacaccaa agcccagca 180
tgatgccgag aaggatcacc ccggcatcaa gtccatcgg actgccgagg acatgggtcaa 240
ggatgacgga gttgatgtcg cattgtcact accgcccaga ctctatttac cagtgaccaa 300
gtaacccttg aaccacggaa acatgggtgg ttgcaaaaac ccttcccccc caacacttca 360
gagacccaat aacctgggtg cctttgccaa aaaacaaacc aagtgggtgg ttgggcacaa 420
aaccgggtcg tgaatgccaa ctacgaacc gctctcaagt tgggaaaaag ggggtgcctt 480
gcccgttccc caattaaaaa cttttttaa cgttttcccc aaaaaaccc ttccatattt 540
taaaaggga aaaaaagggc ctccccgggg ggagggttt ccaaaatccc gaaggttttt 600
ttttaaaaa ggcgcgcgtt ttgttggaca cgcctccc 637

<210> 5576

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 5576
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gagtaacaac	acgcagtcag	ccaatcccag	aggcggcgcc	agcaatgccg	gcaaagggat	180
gaagggagga	aactccttcg	ccgcacgcac	gatggccaag	atgggttatg	ttgaaggtca	240
gggtctcggc	tgcactggtc	aaggatatcgt	caacccaatt	gaagcccagg	cccggccaca	300
gggtgctggg	ttgggcgctg	ttcgagaaaa	gacgaagcaa	gcacgggagg	aggaaaaacg	360
agcggcagcc	ttacgaggtg	aagtggtaga	ggatagctca	gatgaagaac	gaaagaggag	420
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acgcgcgaag	cctcaattcc	gcacagctcg	agagatggag	gaagatatgg	ctggtctcga	540
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cctttactgt	cggcttgatg	accccgcccc	aattcgtaa	acccggtgaa	ggggaagctc	660
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<210> 5577

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5577

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aattgcagca	gcgcttgaga	actcaccgac	ctgtgctagt	aggacacaat	cttttcacgg	180
acgtgggtata	tctttaccgc	tgtttttttg	ggccacttcc	ggataagctg	gaagaattcc	240
aagcaattgt	tcacatcatg	tttcccaattt	tgatggatac	aaaatacatg	gctacgcacg	300
attgcggttc	tatcaccccc	aaatcgctctt	tgagtggagat	caacgataac	cttctccata	360
taaagacccc	gaaaataagt	gtacatgaac	agcattcgaa	gtataaacagc	cagagaatcg	420
accacgaggg	aggatatgac	agcttgctta	ctgctcagat	atztatcaag	ctctctgctc	480
aacttcgtga	cggagggtatc	tccaagctcc	cggatccggg	agaactgaaa	gggtcaatcgg	540
atactatggg	cctgaacaat	acgaccttgg	ctgttccgga	aagcctaaag	ggcagtgtag	600
agaaggaatc	ggcagcgaga	aaaaagccgc	tcaagacacc	gacgagcacc	aagcttggca	660
cgagatttga	tgcacttgat	gttgaagaga	ttaacgaccg	agttga		706

<210> 5578

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5578

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gtccctcaat	ggccgacac	cgggcac	ggatctgg	cttacac	acggggag	180
acgggttaag	gcgactggg	aggcatt	tggaatg	cggttgat	cgccgagg	240
attggttc	gtgtatgt	cgccaagg	ccgggcgc	cggacgct	aattactt	300
gattgggtgt	aggagagag	taccctgg	tgaagagc	aagagcga	atgaggag	360
gattcgga	gaggccaag	ttgagatt	ggaggcag	aggagtg	attatggg	420
ttatgaggg	ttgacga	agcagatt	ggagatga	aggagaa	gggaaqac	480
gtgggatatt	tggagggat	ggtgtctg	tggagaat	ccgaagac	tgttcgtg	540
tctcgatgcc	ctaataccg	atatcaggg	gaagttcc	ggtccctgt	tgcacggt	600
agggtggtca	aggagacgt	ctgat				625

<210> 5579

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 5579

ttgttaaggt	gttctttgat	aaggctatgg	accgcagtat	ctacgctaag	ggattcgggtg	60
aggagggtcc	caccacccag	ctggagattg	aggagttctt	cgccccccac	ggccccgtca	120
acgccatccg	tctccgccgt	gccaacgaca	agaccttcaa	gggcagcgtc	ttcgttgagt	180
tcgagtcoga	ggagaagcag	aaggcgttcc	tcgccttggc	gccccagccc	cagtgggaagg	240
gccaggatct	gatcatcaag	agcaagagag	agtactgcga	cgagaagggtg	cgcacatcg	300
aggccggccc	catcaagccc	agcggtcacc	gcccccgtag	ccgtgggtgg	ttccggggcc	360
gtggccgtgg	tcgccagaac	gacaaccgtg	actggaggga	gcgtcgcgct	gaggaccaga	420
agcgcggttt	caacggcgac	aagaaggagg	agtccaagga	gcctcgcgag	atccaaaagg	480
acgtctcgcg	tgtccccgtc	gtacagagca	ccgccgacgc	tggccagaag	cgcgctcgcg	540
agaacgaagc	caacggcgac	cacccggcc	agaaggtcga	cgcgaaggag	taatggtatg	600
cgactgatct	tgtgtttttt	tttttcgata	gagaatcgt			639

<210> 5580

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 5580

cgacttgtac	aacgnccatg	acgatacaact	agagatgtgc	gttcagtagc	ggtatctagc	60
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gctgcgggga	gaattcttca	agttgagtct	cgaatgccag	cgcccgcccc	ccatccgagc	180
cgattccatt	gggcccgtcg	tccaaagatt	ggagattctc	acttggctcg	gaactttgtc	240
cactgcagcc	atcgtttacc	tgtaccgcgg	caacatggcc	gacgtgcgtt	tatccactct	300
cctcttgatc	ctccttgccg	cggagtgggc	atatctaggg	ctccggttcg	ttgtacggac	360
ggctgtggag	agaatcgcac	cggctcgctt	cgcaaagagg	ccgccaaaacg	atatgcgctt	420
cgcaagaact	atttggactc	ccttacacga	agtacatctc	ctaagggtcg	acaacgcgtc	480
cgcttcgaag	accgtgtcat	gtttatacca	cgggaacaga	tgtcagaacg	aactctcagg	540
agtnccctga	ccccgtcatc	atgagacata	agtgagcagc	gcttctggtc	tttgccgccc	600
agaacacccg	gacgcccngc	gtcggttgat	aaaaccctct	gattggagac	ggn	653

<210> 5581

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5581

tactcgggat	acgtgatatg	ctcgtcgac	gcgatcatct	tctcatacat	attcatctgt	60
angctatct	cgcactgggtg	qacacaagcg	aatgcggctg	tagggaagcc	cgtaccgaaa	120
ggagaatgtc	caaacttagt	cccaagggggc	cttgcatgta	cagctttgaa	tattgtgtcg	180
gacattctta	cgttctctct	gggagtgtct	gggctatgga	cattacagat	ggaccggcaa	240
cgcaagttca	tggttggagg	cattcttgc	atgggctcag	catgttgc	agtaagcatt	300
gtccgatttg	cgattcttct	tgatgctaca	ttcagcaacg	atcctacatg	gtcaaatgca	360
aactccttac	tgattggagt	actggaagga	gcgactgggtg	ttattagcgc	ttcgttaccc	420
ggtctggcac	cattgggtgcg	gcgggtggcag	cgcagtgtcc	aggctcgaaa	aggaacgagc	480
agttatagcg	agcgggaata	ccaaaataga	acgaacacat	actcagacaa	gatgcctaca	540
agtattggta	tccaaggett	gcctggaaga	tacgttccca	tggacgattt	gaattccgac	600
cagtctgcac	agcttgatac	aacaccacta	tcgccaaccc	aacaggatag	gaactctaga	660
taactttcaa	ctggtgttgt	getta				685

<210> 5582

<211> 1447

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1447)
 <223> n = A,T,C or G

<400> 5582

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ctttcgtctc	tctttttctg	tttctaccg	acactccttt	acatgccctt	ttgcggcaag	180
ccattcgttt	acaacttctg	ccatcgcaat	gaaattccga	ttaaatgcca	ttgtccgagc	240
gtcggaaaagc	cgaactatgc	agatcagcaa	tatgtgtcct	cgccgacgga	cgcaattgcc	300
cagtcttcgc	caattacttc	tgactgtcat	tgcagtccca	tccgttggtg	catccgtgat	360
cccacccgcc	gtccggacag	atthagatgc	taccaacgct	ctcgatctcc	cgcttagcgg	420
cgagatcgtc	agcgacgata	ttcaagatgt	atctgattct	ccactcaagg	aacgtgcggc	480
atgggacccc	gtccagctag	acagcagtc	tgaagaagca	gacgcaactc	actcgcccat	540
cttcatcgca	ctggaggaga	actcgcagac	cagcgagaa	aacgacaaca	actcccaacc	600
agcactatcc	caaagatcga	caagcagcag	cagcagtagc	agcagtgaga	cgccaacgcc	660
attcgacacc	aacctctcga	naaacttcac	gtccgacagc	tgtccgaaat	tcttcaaaaa	720
ctttctctcg	gacaccaa	tcaccaactg	ctacgccatc	tgcattgctc	tccgggattc	780
cagctccttc	ttccaaacgc	tcaaatecgc	cccagcaacc	tgcacacctc	tggacctctc	840
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caaatecgac	gacctgcggc	aggactacga	cctcggcaac	ccggctcgtg	cagacgccta	960
caaggacatg	atcatctacg	aacctatgta	cgcgcctcgc	tgtctcaaga	acccagcac	1020
aggcgactac	tgcctcgctg	acgcgcgcac	gaacagctca	aacctcctcg	actacgacgt	1080
ctacttcata	ccctacggga	gcgcaatcac	caacgcccc	tatgccacct	gcaacaaatg	1140
cgttcaggcc	tccatggatg	tctttggcga	atgggcgcaa	aaaagcggnc	agccgcttgc	1200
tcactcgat	ctgccttcgc	cgaagtctat	taattcgaa	tgtgggggta	gctttgcgaa	1260
tgctaataatc	actggtgcgc	gtgatgggga	gtcttttgcc	gcgacatggt	ccgggcgtcn	1320
gcccgatggg	tttttatcgt	gtgggtgggc	cttttaatat	tggggcgagc	tatgggggtg	1380
ggttatttgt	ccccccgcct	ctttcttcat	ctttcttgta	cgcccccttc	tccaaccctg	1440
gagctgg						1447

<210> 5583
 <211> 687
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(687)
 <223> n = A,T,C or G

<400> 5583

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aaccttttcg	acgacgagtc	gaccggagaa	tctatccctt	ataatgacgc	gaaagaagac	180
cgtgactcag	gcgcggaaaa	ccaggaagac	aatgatgagg	aggtggagga	ggaagatgag	240
gagggcgctc	atgtcgttga	aaagattctc	ggtcattgact	tgcgcaagaa	tggaactctc	300
ctcctgcaag	tgaaatggaa	aggctacgat	gacctgacg	atgagaccat	ggagccggag	360
gagaacctgc	tggagggggc	aaaagatctg	gtagaagaat	actaccgtgc	ccaaggtggt	420
cggtctgaga	aacctaaaag	gggcaagcgc	aagtccatga	ctggcccaaa	qcaqacaaca	480
gagaaaagtg	aacctaaaag	gcgaagatag	tcccagagcy	aaagctgcca	ccgaaacttc	540
agatgaagat	gatgatctgc	ctaantgggg	tncccgntc	caagaactgg	gagaacgagg	600
gtgaaagtgt	tgcaacattc	tgcccgatgc	cgaaacttcg	acgtaatgga	ttattccttg	660
gagaccgtaa	gaaggtctag	ttctctn				687

<210> 5584
 <211> 709
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5584
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actaccctta cggatctgct caagatccaa caccocatcc tgctggcagg tatgaacgtg      180
gccgccgggc ctaagttggc cgcagcgggc accaacgcgc gtggcctcgg tgtcatcggg      240
gggtgtcggc ataccccga aatgcttcgt gaacagattg cagaacttaa gagctacttg      300
aatgacaaga atgcgggttt cgggtgtcgac cttttgcttc cgcaggtcgg aggaaacgca      360
cgcaagacca actacgacta caccaaggga aagcttaacg agcttgtcga catcatcatt      420
gagagcggcg cacgcttatt cgtttcggcc gtccggtgtcc ctcccaagca cgtcgtggag      480
aagctccacg gtgctggcat cctgtgcatg aacatgatcg gccaccccaa gcacgttcag      540
aaagcccttg atgttgggtg tgatatcatc tgcgctcagg ggcgggtgaag gtggtgggtca      600
cactggtgat gttccgacta ccgttctcat ccctactgtt ggcaagctgt gccaaagcat      660
aagaactcct tgaaccggca aaccgtgcag gtcgtctctt gaagggggg      709

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<210> 5585

<211> 1082

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5585
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tctttctctc tcgtacaact agtttctccc catctgggac ctatattgct ggtgggggat      120
aaaaacaaca aaagcccagg tcgagcagca gacgccccaa catgtcgact gttgcacctt      180
tcaccctcga cgttgcgaca tgtctttgca tcgcgtttgc cctttctctc atgccagccg      240
cctacatctc aggcgggtcg ttaatccctt ccactcacat gcgaaaccgt gtcttttctt      300
tgtggcagcg ctatgacgcc ctcaccacaa tcttcacga aggtctattc ctctacgaat      360
gcttcttcag ctacacaaac ctccccgctg gattcaatcg ccgcacctac ttcctcgatc      420
agaaggaccg cgtatacggg gctgcatacg gaactcgtcc aagctcgcca ctgtggcagg      480
aatacgcgaa ggccgatttc cgtcggggcg ccgcgcagcg caacgtgatc tctctcgaac      540
tattgacggt tttctcggg ggtcccgag ctctctatgt gtgttatctt ctgtggaagg      600
cctccagcag ccggacaagt gccgcggcaa aagggttcgc gaaagcgaag ctgtgggttg      660
tggcgccgcg tctggcgacc gctgagctgt acggcggggt catgaccttt gcgcctgaat      720
ggcttacggg tagctcgcag ttggagacga gtaaccctgt atacctatgg ttctacctgt      780
tctttttcaa taccctctgg gtgtgggttc ctctgtgggt gttgtgggag gctaccaagg      840
agctgcgcac cgcctttacc aaggctgaaa gtgcaactga agctcgcaag agcaaataaa      900
caatatcata tcatagattg gctcagcaaa tgcttgtgaa gaagactgtg gtgattagcg      960
ttatagaatt tgcaatttga cgcataagca atggcgctta tgggttctat tttttccac      1020
atataatcat gatgatattc ctatatatta ataacttccg atatgatgct ttgacgtgtg      1080
gg

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<210> 5586

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

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<400> 5586
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ggcatccctt tctgcactca attctgaaga aggttgatcg tccgcgcgcg ccattgttcgc      180
ggcatttagg aatcttggga tattgcaaga tggctaacac gagtttggtt accttcgggt      240
tgacaccaga tccaaagcttc aatgtgttct tcttcttgga actcgtcgtc tcttgcatat      300
tagtactatt cttcttgcct tacttttaac gcccttttgc aacctttctc tagtatggga      360
ttcgcgccta cacatggcat tattatcgcg catatgtcga catcaatgca ctccaaatct      420
ctttgcttgg aggacggatc ttttttaaag gtgtccgata ccacgggtgtg aatgagacca      480
tatttgttca cgggggctnt ataacatggc gttactggag gcgatcggtg aggaggacat      540

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ttctatacga	cctgaaaccc	aatggatacg	aaccgaggaa	tgggtgtgca	tcgggtcccg	600
acggggataa	tgattgcgcc	ggagacagtg	gaatgaagga	gcaaagagga	atgaaggtgc	660
anatttactc	cctgggtcc					678

<210> 5587

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 5587

ggaagggcca	aaaagaaaaa	aaattgggta	aaattccaaa	agttaaaggg	gggaaccccc	60
aaggggattt	gaaaacccaa	aatttttatt	ggggggacccc	ggggggggccc	caaaaacccc	120
gggcaaaatc	taaccccaag	ggataccggg	caaagggccg	ttgccggggg	aaaccttcgg	180
gcccccgga	accgggttct	taagggctcc	ggacttaaac	ccccaagggg	gaaaccccca	240
aaaagggttg	agcccaacgg	ggaatccggg	tggaaaaaag	ggaacccccc	gggaaaggaa	300
aaattttctg	gaaaaacaa	ccccctaagg	gacctaaaaa	aaacgggttt	tgaccggcca	360
ataaggggaa	acttggtttg	gaaaaaaaac	aattctccgg	gacccggggg	gaattttttc	420
cgggaaaacc	ccgggggcct	taaaaaaaac	cgggtaagga	agggcacaga	aaactttttc	480
ctgggggtta	agggcccaag	ggaacccccg	gccccggaaa	agaccgcaaa	gaaaagggaa	540
cggcccgggg	gaaaaaccac	caaaggggaa	aagccaacct	tcaaagggtg	ggaaaaaaaa	600
agggtaggga	ccccgggaaa	ag				622

<210> 5588

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 5588

cttgctgtag	cettctctcca	gtgcgttcaa	gatgctggcc	ggccaagggg	tcaaggcaat	60
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cagggtttat	atcgtcaaag	ctctggggct	ggatgatcat	gtgttcaatc	tgggctgggt	180
attcctcttc	ttatatacgg	tcttcaccac	catcgccgga	aagcacgggt	tcggacagcc	240
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gatcgtggta	aaagcatggc	atcgaagatc	gatttggatc	tcaatgggtca	gtctatcagt	420
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ctcatgggtg	gcagcggtcg	acttttactt	tgccattctc	ccgtggatat	tcatttgggg	600
gctcaacatg	cggttccaaag	agaagatgac	gatcgctatc	agtctgagcc	taggattcat	660
tgccgtatct	gggggtcatt	cgta				684

<210> 5589

<211> 1115

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1115)

<223> n = A, T, C or G

<400> 5589

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ccatctcttc	ctctctcttc	caatctttacc	tgcgaagaca	tacccttccg	tctctcaaaa	120
aaactcaaac	aaacgttcga	gccaataatg	tctggactca	ccacatctcc	tccgggggtca	180
attcctgcct	ctccctccag	cgtcaaccag	gtctctcgyt	catctcgacu	agccctccag	240
cttgatctct	ccaatctttc	aacaatgtct	caaccaacca	agccaacaaa	taccctcacc	300
atcacccaac	tgagcaacat	tcttatcttc	caacccgcct	ccctcgccac	tctccggcca	360
caacttgagt	ccatcgcgcc	cctgaactca	atctctccac	tccctctctc	tccgggggtt	420
atttggttct	tttacacaga	agaagacgcc	cttagtgctc	ggaaaactgt	tgacggccaa	480

ctcctcgagc	acaacgtccg	cccgagagtt	tacttcggcg	aacccacccc	aatcctagac	540
gaggaatccc	gccgccc aaa	gctcctggaa	gccccccatg	cgcacaagct	cttcttcatc	600
agcccgccac	ccagccccc	gcacggatgg	gtcatgcgca	acgaggaacc	cccgaacaag	660
gaggtgcacg	ccagtgatct	cgccaccgcc	ttggccaagt	tgaagaccga	gcaatccggt	720
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aagcgcacgg	ggagctggcc	cgctctctatg	tccggacagc	gcagcagaag	cagcaccctt	840
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aaggccccgc	ccaagacctc	tcggcctcct	gttgaattga	tgtgttgaat	gcacatgatt	1020
tgatacgtga	tcgttttggc	aattttgtgaa	tacngttggg	atatgcttta	gcgtgtgcat	1080
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<210> 5590

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5590

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caatttgctt	cgttgggtca	aatcactttt	ctcacgtact	gtcttgcatc	gagcgaaaca	180
aagaacggct	tctggctatt	ggccccaagt	ccactcgtgc	acgtcgccag	attataacct	240
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aggccgggac	gatttttgga	agaacacatg	tttttgagat	gatatcagcc	actgtgggaa	420
aggtcaccaa	cgcgtctgcg	caaatcgttg	cggcacgaac	tcagccaggt	ctgtatgagc	480
cacagttgag	tgttctagat	gaaaacctta	accgtgagaa	ggcagatatg	caagcgctct	540
tcaaggtaat	tgaagattcg	aatatgtcag	tcgccggaag	tcacaacgat	taattgatgg	600
aaaagggtga	cngaagttgt	gagctcccaa	aggattaaat	catcaaacat	tgtggatggt	660
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<210> 5591

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5591

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gcagggtatc	cgtctgcggc	ggctcgggty	gctatagctc	caggggtggf	cgagatagca	180
gcagatctgc	aaaggcagac	aactcagaca	gcacacccgc	tacattcgaa	gacgagggag	240
aaattggtea	aatgaagaag	aaatatgcaa	acactctacc	catgctaaag	gaattgttcc	300
ctgactggac	ggacgaggat	ctcgtctttg	cgttgaggga	tgcagacggc	gacctcgagg	360
aggcaattga	tgcataaact	gaaggtaacg	tcctctcagt	gggagaggta	aagaagatga	420
ccacagaccc	gagcngccct	cagccanagg	aggcacagag	caccccgacc	gagtcgacta	480
ctgtctccat	tccgggagcc	cgtgactgtg	tggatttgag	agcccttggt	gacctgctcc	540
gagagatcgt	ggcctgtggt	gtctcggccg	tcgtgcttgt	acccacacca	atggcagctg	600
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aancccggcc	gatn					674

<210> 5592
 <211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(670)
 <223> n = A,T,C or G

<400> 5592
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 cgccaactcc ctagcccaag tgcgcgtcat cgcctccaac gccgccttcg tccccccata 180
 caccgtctgc cccgtgaacc caatactact cgacacactg gatataattaa caatacgcgc 240
 actgcgatcg gttggcaaga aaggcgcaac agcctgcgtc agcaacaacg gcgcaagcac 300
 gtttaatatga taatgcaaat tgaagtaact ggggtccatg ggggcctttt cctcgctcatt 360
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 ggtcgtctca gaggtgaagt tctccttagc cgcgttgagg atcgtggnta ctgctttctt 480
 cgggtgtgagg aggtcggcct gcacagagac cacatttatg gagtgtngt ttgcgagttc 540
 cgagcagagg gtttcgggtt cgcatttgga gctccgcgag gtgtagttta ggagtagggg 600
 agcagctttt gaagcgaagt tgcgggctaa cgttcgcgcg attcctgggg atttggtagt 660
 tgggttgctt 670

<210> 5593
 <211> 721
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 5593
 cgaggggctaa gacccggggc aagaccctgc tggatgagga ctacgtcatg agacgtaacg 60
 ccgtcgactt cgggtgttcc ctgttcatgg agaccaagac tgctctctc tttgcccagg 120
 ccattgagcga gaagctgccc cgtgcgaggg gtatgccttc tgaggtcgcg agctgggtctg 180
 agttcgccgg cggcaagctt ctgtaaatca gcattgcggt cttaaaacaa aagtttttgt 240
 caacataata atcacctgat gttgtttcta ttttcttcaa ggcacggaat agccgtctgg 300
 tttggcgtag tggagaaggc tctactctac attgatagac tttttatttg gccttgacaa 360
 agcacctttg acgggaaagg tggctatgct catgtactcc ggtggaactt ggttctcttt 420
 gttattggta tccaaaaaan aaaaaannnn nnnnaaaann naaaaaaaan aaaaaaaann 480
 nannttttcc tgcgggcgtt cgagcatgct tttaaagggc ccattccccc cttatgggga 540
 gcatttcaca attctggggc gcggttttta aaaacgggtg agaggggaaa aactgtgggg 600
 tcccactaat atatgggtt ggaaaaatac ccctttttcc cagtgggttt aaaaaaaaaa 660
 ggcccccccc ctccccctt tccaaagggt ggccctctt tctatccggg gtttttaggt 720
 c 721

<210> 5594
 <211> 1188
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1188)
 <223> n = A,T,C or G

<400> 5594

cctgccaaacg	ttgatggtaa	tettttctggt	ggccccacct	gcacggggagc	ttccaagttc	60
acctacacca	tccctgaagg	tattgagcct	ggcaaatata	ccctcgccctg	gacttggttc	120
aaccgtatcg	gaaaccgtga	gatgtacatg	aactgtgccc	ctcttactgt	caccggtagt	180
tcttcgaagc	gtgacgaagt	tcccaaggag	aagacggttg	agaagcgctc	tgctaaacttc	240
cctcccatgt	tcgtcgccaa	tgtgaacggc	tgcaccacca	aggaagggtg	tgatattcgt	300
ttccccaatc	ccggttccat	cgttgagtac	gctggtgata	agagcaacct	tgccggtgag	360
ggcagccagg	cctgcactgg	cacccccaca	ttcgggtggcg	atggtaaacac	cgccggttcc	420
agtggctcat	ctggcagttc	ttctggaagc	tettctggcg	gtcccagctc	ttcgggtgcc	480
ggctccggtg	ctactgcacc	tcccgcgcca	gcgggtttcct	cgactttggt	ccccaagcct	540
tcccagtcct	ctgctcctgg	tgtctttgtc	cccacgggct	ctcccgccca	gcctacccac	600
accagcgccc	cctcgggtgg	ctctagctcc	ggctctgggt	ccagctctgg	ttccaactct	660
ggctctagct	ccggtcccag	ctcttctctc	agctcttctc	ccagctctgg	tgctctgacc	720
ggatcttgca	gctcggaggg	aacctggaac	tgcattgggtg	gatcttccct	ccagcgctgt	780
gccaacggac	agtggaccgc	agtgcagcag	atggccactg	gtactgaatg	tactgctggt	840
caggcctcca	acctcaagat	caaggccacc	aacctcaagc	cccgratgct	ccacgagatg	900
cgtcacagga	agcgcaacta	ccacaaccac	gcttaaagaa	cgtctgatat	ccgctggccc	960
ggctattagg	attccctgat	ttctcttctg	ttctcttgca	gcggcggtgga	cgcttggtggg	1020
gactctttct	gggatggatt	ttctcttcca	attgtattta	ctttctacgg	taaataaaaa	1080
gaaggttggg	actcgagacc	ttctctgaa	agaagctttg	atcattatat	tcagttggca	1140
cagnnnanan	nnnnnnnnnn	nnnnanaaaa	ttctcgcggc	cgctcgac		1188

<210> 5595

<211> 645

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(645)

<223> n = A,T,C or G

<400> 5595

caaatacccg	caacccaaaat	aaaatcaata	tgggtttctc	tgacttgctc	cagtcgcgcg	60
tctcccaggc	cgttagtcaa	gccactaaca	gctctggcgg	caacaacaac	aacaacaacc	120
aggggtgggtc	caaccagggc	tacggaggag	actcttacag	cgagcgctcc	tcccacggcg	180
gcaaccaagg	aggetacaac	gaccgtccct	ctcagggcta	cggaggcgac	tccatacaacg	240
accgcccctc	ccacggcaac	caggggaggct	acaatgaccg	tccctcttca	ggctacggag	300
gagactccta	cggcgggcgt	ccctcccacg	gcaaccaggg	aggctacaac	gaccgtccct	360
cttcaggcta	cggaggagac	tccatacaacg	accgtccctc	ccacggcaac	caaggaggct	420
acaacgaccg	tccctctcag	ggctacngag	gcgactccta	caacgaccgc	ccttcccacg	480
gcaaccaagg	aggetacaat	gaccgtncct	cttcaggcta	cngangagaa	ctctacngcg	540
gocgtccctc	ccacggcaac	caggggaggct	acaacgaccg	tccctcttca	ggctacngag	600
gagaactcct	acaacgaccg	ccctcccacg	gcaaccaagg	aagct		645

<210> 5596

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5596

cttttagatgc	cctcggtttta	aatatactta	atacttttat	ccttctggat	ctataatcag	60
tcaccatgag	tctctcttaa	gccatctctc	tcttgccctc	ggctgcttct	gttggagctc	120
tcacggtcac	ttcccccaag	aagggtgagg	acgttgacct	ctccaagtc	ttcaccgtga	180
agtgggtagt	cgtcgatacc	gacccctctc	ctttcgatct	ctacattgtc	aacaacgcgc	240
tctaccccag	cgttgagcac	aagatcgctc	ccgacgttga	ctcctccaag	ggctcctaag	300
atgtctctgg	cctgcccga	ctgaccaacg	gcaagggtta	ccagatcaac	ttctctctca	360
actccgccaa	gaacagcggt	atcctcgctc	agtcacagca	gttcaacgta	gagggctcct	420
ctgagtcac	ctcgaccgcc	agcgccagcg	agtcacaagac	caccaccgcc	gctactggca	480
cttcacaccg	tactactggt	tctctctccg	cccgctgctc	tgcttcggcc	agcgttccgc	540
ccaacagcac	ctctctctggc	agcaccctccg	tctccaccgg	tgccgggtgtc	tctctcgctg	600

cgcccgctctc cgccgcccgt ggcctcctga tgggtgtctt ggccttaacc ttgtaattcg 660
ggaaccaacc gacagcaaga t 681

<210> 5597
<211> 463
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 5597
agcagatcgt tcggaacttc ttttaccttc gtgccgggtgt gattgggcaa gaacttgatc 60
ttggccaacc cattttatth ccaaaacggc aaaaacgggc atttaaccaa ccagaagtth 120
tcctggggaga acctaaaaac cctcaagttc taaccccggt gctgtgacta cataatcttc 180
cttctcctgt ttctgttaca atgtgatgat ttgtctttgt ttcaacaact caaagcatga 240
gcatagacac gtcagaaaag cttttgtcca tttttctttt ataatttttg catgatcgtc 300
tataaaaagg cgggttcggc gggataaatt caacatgata ccacttttca tcntgtggga 360
gggatgttac ngcgttatcc gggagcgaaa gtcttcaaca cactgctcc tcangcttga 420
catctgcgga ccacagcgt cattcaggac caggtcgca cag 463

<210> 5598
<211> 646
<212> DNA
<213> *Aspergillus oryzae*

<400> 5598
ggaagaattc gcgccgcgag gaactgttgt ttcttttttt ttactgttt ctattgttct 60
ttttttgtct ttattttttt tttttttttt ctcccacaaa gcaccaggg ggaaaaaac 120
acgcaccccg gcaagaccac ggcctaccag cgcgacaccg caaaaaagg cgccaaacag 180
aagagcatga acaacgcggg ggaaccgcac aagaccacg ccaaaaaccc ccccgcgaa 240
ccccaacgc gcataatgac cgacaaatgc gccagaccga acccccaaag cccgaaaaac 300
cgggggaagg ggaacacaag gcccgccac cccgggaaag gggccacgaa ctgcgagcaa 360
accgccaag accccacaa ccacgaccgc acgggcgcgg aaaacccaaa agcgctggc 420
aaggcgggc accaagctcg aaaggagccg accaaacggg ggaaaatggc acgaacggcc 480
cactcgga agcgcgcga actagagcgg acacacaccg gaaaagaccg acgcggacgc 540
cgacgaagca aagaacacgt aagaccccc cagatacggg tcgcccagaa cccaaacaaa 600
caaccgggga aacaatccgc ccgcccccc caccgaagaa ccccc 646

<210> 5599
<211> 724
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(724)
<223> n = A,T,C or G

<400> 5599
agacgacacg ctccgaattc ggcacgaggg atggccgggt ttctcgttca aaacggattc 60
aacctatcat tgatggcacc cgatgatcta cgcgaatat cgggtctaac tacgacaact 120
atcacttgca agcaacatat aacctcagc tcggcgagta tggacctgat caaatgggcg 180
ctcagaggga ctttcgggtg tatcgaggaa attggtccga agaccgaagt caaggaggag 240
ctcgtggaga acgagaaggc ttccaaggaa atatccaaac tcaaggagga ggctgccgat 300
gaagaaattc ctatcgaaaa tgaacaggcc tatcttgta tgggttgtgt agtcattcgc 360
tatttccttc gtactcgoga ggtcgagctc gagtgggaag gaaacatgat gaatgatggg 420
gttgccgatg ctgtcatggc agtctctctc actgtcgaaa gcagcctgc atctgtgaag 480

caatccgcc	agcaaaagca	ccaccaccac	caccatcagg	acactctcga	acttcctaac	540
cctcattcac	agctagggtc	tgaagaacgg	ttcgacgcgc	ttctcatgat	gctngaggca	600
cagttcggat	cggacatatc	acccattgag	cgcccgcgac	tacccactac	tcaacttacc	660
aacggggcgag	cgaagaacga	aacgtcggcg	caattgagtg	ctgcgggagca	gactctcaaa	720
gaan						724

<210> 5600

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5600

agaagttgaa	agacaccgat	ttgcttgccg	cgcagtcgaa	tggttacccg	cggatgtctg	60
caaacctata	caaaactaag	aatgagggcg	aattcttcca	tattcatggg	tccctcgagg	120
ccacgacgac	gctgaatatg	attggattgg	atggtcaccg	tccagatctg	acagactacg	180
aagagattat	caagggtcatt	gagagccatg	tgcagaatta	cacagctgca	gagttggaag	240
agatgaataa	ggagagaaaag	caagctgggtg	tgcgggcatt	taaaatagaa	gacttttatca	300
aaaccccgca	tggtgaactt	aatgtccaac	aacccccatg	gaagggtgtcc	cgcctcaagg	360
gtgacctgcc	tcccacaccc	ttcccgcgcg	gccgcgctgg	gagtaagaag	attcttgaag	420
gagtcaaagt	cctagagctt	tgcgcgatca	ttgcggcccc	cactgttgca	cgcctcctga	480
ctgagtacgg	agcagatggt	ttgaagatca	ccagtccgag	cctctctgat	gtgccatttt	540
tccaagtgga	tggtaatatg	ggcaagcacg	ctgctgactt	agacctgaaa	tcggaagaag	600
gacggcgcca	gtttgaagag	cttttggtcg	acgcagacgt	ggtcgtggac	ggttatcgcc	660
cagggggccat	tgagaaatgg	gctatggc				688

<210> 5601

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 5601

gatgatggag	gaogttgtgg	gcgactataa	ggacaaaacc	gttactcttg	aggatttccc	60
gtggtagcat	ggcaacgtca	aaatggccag	tgtacaccca	tgtcgacacg	cttcgggtgat	120
gaagacactc	ctcgaccgtg	cagatgcagc	gctgaaactc	cgccgcgaaa	agctgaagca	180
agctcaatct	gacctatcca	aggctccttc	ggtcggcgaa	agcggcttgg	aagggttggg	240
cgatgacatc	aaggcacttt	ccttgagtga	ccaacaacag	catggcagtg	ataagagcgg	300
cggagatgaa	tgggaggttc	tccagcacga	tgaagaagaa	caggtagcca	tcagagtgga	360
tcagtatctg	gttgttttcc	tgaagtccat	tgctagcgtg	acaccaggga	ttgagcatga	420
tttcaccatg	ggagtatgat	cgaagggtgc	tcacagatat	gacctcgtct	tcgaattttc	480
tcctttttctc	cattttttaa	tctggcgtag	tggttacatt	catgatggca	tggtttcaca	540
atcagttcta	ggagtattac	agctcaacat	tagcaggtga	cttagacatt	aagcgaacan	600
nanaaaaaaaa	aaaaaattcc	t				621

<210> 5602

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5602

gatttcccc	acccaatcgt	ctcttcaaga	tctcaaacct	tgccaacact	atacaagtgc	60
tagtctctcc	ataattccat	actaatcgtc	gtagccgcaa	qaaagcaatg	acaatgatca	120
acacgcgtga	cgaaacctcc	ctcgccgcgt	cacccaccga	gcgacgcaat	tccctggaga	180
agcatctcct	gaatcgctct	gatccccagg	atctcaaaga	gagacacatc	ctcctcgaca	240
ccaatggttg	tccatctatc	caagcagcaa	gacaggaact	agaccgtcag	cgcactactg	300
atagtttgaa	gaaacatctc	gagcacagac	cggatcgcga	agaactgggt	gagcgcgaata	360

tctctccgcga	taccaacgca	gccccggcgc	ttcaggetca	cgccccgcga	ctggagaaac	420
atatgctggc	tgatcatctc	gaccagaaga	ttcagaaccg	gccgcagccg	gaggatctca	480
tggtctcagg	gatcttgacg	gaagatgagg	atccgaggca	gccgactatt	tgactgcaat	540
cttcggcagt	tggtgacggg	ttatgatgga	tatgggttat	ggattatggt	ttgatggacg	600
gagtatatgg	atggataaat	gggggacatt	tggttgatct	ttcttttcga	aattacacaa	660
ggatatggta	ataacgtaca	accta				685

<210> 5603
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 5603						
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tggaacagctg	gtccttatgg	gccgaggccg	caaacaatga	ccgcaaagca	tcctaccggt	120
ggcgacacaag	atatctcgag	ttaacatttg	gatgcggcgc	ataccgtccc	tatgaagatc	180
tcgtctacga	gtcagccaaa	gatgccggcc	tcccggccag	tgacccaaa	gccctgatcc	240
acaattggga	tcagatgcgc	ccttggcccc	agacaaagca	ggtcttacta	cagttgaaag	300
aaaaaggata	tcgcttgga	gtcgtctcca	actgttctgc	ggaactcggc	cgctcgagccg	360
ttgcgttggtg	tggtgtggaa	ttcgatgcat	tcgtgactgc	cgaagaagcc	ggcttctata	420
agcctcatcc	gaaagcatac	ggtacgatcc	tgctcgccctt	gggggtggag	cctcgagatg	480
ctctctttgt	cgcaggcagc	aatggcgatg	tcgtcgggtgc	ancagcggct	ggtatggatn	540
gtcgttggca	tn					552

<210> 5604
 <211> 702
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 5604						
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cattctaaac	ggaattgcca	ctaccttccc	aacctctgat	cacttccacg	ccgtcgcaac	120
gpcggcacac	ctgtgccttt	cgcggtacct	aggtcagggt	gccgtgaaca	ttctcgcaga	180
ttctcgcaaca	ggtgcatatg	ccgcaagcct	ggttctccaa	taccaattag	tttccaagcg	240
ctacatgccc	gaattgatca	actacgtcct	caacgccttg	tgtaaccttg	ccccggagga	300
gccaaagage	agcctcggcc	tcttcccgtc	tcgtagtccg	gaggaatctc	tacgactgaa	360
gatctccaag	tcgtgaagt	cgaggaaact	tcaattctgg	gacattactg	gcccgacag	420
ccgaaggcc	caagaagagc	tcaaactttc	cctcataaac	acattcatct	ctctcctcag	480
caccgccttc	gatatgtggt	cagacatata	agccttccct	gagatcttcg	atcaagctca	540
gaaaggcttc	cgttctctga	acggatctct	caagggttaag	atttccnttc	gtcgttcaaa	600
ataccctgca	gtcgaccctc	gataaactcg	atgggcacac	ccttgaaagc	ccgccttacc	660
tgggcgcgcg	cttttacttc	atgatcaccg	ccccgtgct	at		702

<210> 5605
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5605

cggtgattga	tcactctgct	caatatgtct	cgttcttccc	atcgggatga	tttctttcaa	60
actacggcgg	cgcttgacga	gcagaaacga	aaggacgcta	aatctaaaaa	tacaaatgga	120
gaccccatca	ggctacaaag	taagatcttg	gcagtcgagg	cagaccctct	gaatcctggc	180
gccgtattcg	tggcgacag	tggcggcag	gtccgaaaga	ttatactcga	aacaggtgaa	240
acggctgctc	tttacaagg	accaacggcc	cccatcaca	gcactctgct	tagccccgac	300
ggctcgattac	tcttcgccgg	ttgctgggac	aaatacgtct	ggtgctggga	tgtggcttcg	360
aaggaagtga	aacagaaata	cgacgggcat	accgactttg	taagagcggg	ggtcaccacc	420
cgactccagg	gcaaggatgt	tctcgtctct	ggcggggctg	acgcgcagat	cttgggtgtc	480
gacattgcc	gtggcgagcg	gctctccgtc	atgaaggggc	atgccaaagg	tatccaagga	540
cttggttag	atcccgctct	tttagattct	gacagccaag	agctggtttg	tttcagctct	600
ggcagcgatc	gggagattcg	cggtttcgac	atcgccagtg	gtagcaaaga	cctgacgggc	660
acagacgcca	tnctagtnea	nga				683

<210> 5606

<211> 555

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5606

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acttctctgc	ctccccactt	gccaccttcc	tctatctct	ccaccacatt	ctcctcagac	120
tccgcggacc	acctcgatta	cctccaccag	acgcccaccc	tatccgagtg	gtctgcatt	180
ccgacaccca	cacgctcgaa	tgggacgatg	tgccagatgg	tgacctttta	atacacgccg	240
gcgatctatg	caacgatggc	agcgtgcgcg	agatccaagc	agcggtagac	tggctacaag	300
gactgcccc	tccccacaag	gtagtcatct	gcggcaatca	cgacagctac	ttcgacgtac	360
ggctcgcgact	ggaagaagac	cgggacaaat	ccttcgcagc	gggctgatcc	tctactgccg	420
ctctacgctc	catcgatgac	ctcgaaaagtc	cccaccgcat	cgactggcgt	gacatccact	480
accttcaaca	ctgcgcgctg	accatcttct	tctcttccaa	ctttattcac	cggcttttgg	540
ggcccgtttc	cgtcg					555

<210> 5607

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<400> 5607

ctactggacc	ccatgatcat	gaatgatatt	atcacttccc	attgcatact	cttaaatacat	60
tagggaaacct	tctacctac	ggaccatata	atcaagttac	ctaccaccgg	tcagcgcccg	120
cctactcttt	gttcaacaag	atattgacga	ctcttctctag	tgccatgtgt	cctacttctt	180
ctttaaactg	gtctacttgc	aacacatata	gaatcgccag	acgtaagccc	gagttcttgc	240
ctttaaaaat	ctaacacaaa	tcttctctct	attggcctct	tctcaggaaa	tattttaaaa	300
actctaacgc	gacatacggg	agacaatctg	gcttctctaa	gtctgaagcg	ctgctctctg	360
ggaactcata	gaccacatgt	cggccgggcta	aacggcgagta	aacatgtccg	tatgcacaga	420
gacggggaga	acacccatcg	cgtcgcattt	gatccgggaat	gacctctagg	gtcttgcctg	480
cattctactt	gctgcagatt	cgtttgccaa	ctatctgata	ggagtcctacc	aggacttcta	540
ggtacgactg	atctacagga	aatcgactgc	tcaaacctgg	accttgaggc	ttgggttagac	600
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<210> 5608

<211> 1522

<212> DNA

<213> *Aspergillus oryzae*

<400> 5608

gcagagcagg	cctcccagaa	cgtggccatc	aagaagtctg	cgaccggcct	ccttgcccca	60
cctgacaaat	cccttttgca	taggtcacag	tctcgcgctt	tcctttccga	tgatggcatc	120
ccccagccag	ctgagttttt	cttgtcttct	gacccatctg	caattgtcga	gcatacgaag	180
aaggctcctc	atctcgaaga	tgatgatata	gctcatgtgc	atgagggaca	gttaaacatt	240
catcgcccca	caaaagatga	tggtacttct	aatgttcgag	ctattcagac	aattgaactc	300
gaattgcagg	agattatgaa	gggcaagttt	gaccacttca	tgcaaaagga	aattttcgag	360
caacccgagt	ctgtgatcaa	taccatgaga	ggacgactgg	atgttgcaaa	caagcaagtc	420
acactcggtg	gcctgcggca	gtacatttct	actatccgcc	gctgcagaag	aatcatatct	480
gttgccctgtg	gaactagtta	ccattcatgc	atggctgtgc	gtggagtctt	tgaagagctt	540
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tcctctatct	cacttctcac	tcactggcgt	gtgcacatca	acgctggacc	cgaaattggg	780
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cttagtgagg	atagggcgct	taagcagaag	aggcgtgagg	agattatgga	gggcctttct	900
aaggctctccg	agcaattcaa	ggagatcttg	aaacttaacg	aaacccatcaa	acaattgtgt	960
gcaaaacttca	agaatcaaaa	gagtttgctt	ctgctgggca	gggggtggta	attccctact	1020
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tcggcgagat	tgaagcatgg	tgttcttggc	cttgtcgatg	aaaacttgcc	catcatcatg	1140
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accgtgaaga	ttgaagtcc	aaagactgtc	gattgcctgc	aaggtcttct	gaatgtcatc	1320
cccttgacgt	taatcgctta	ctgggtggct	gtgtctgaag	gtctcaatgt	tgatttccct	1380
cgcaatcttg	cgaagcaatc	acagttgagt	aaattgtcgc	ttatagcaac	agccaagttt	1440
tacctattga	agttgcaaa	cttatctaaa	aaccttacta	tctctgatta	atttccacgc	1500
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<210> 5609

<211> 740

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 5609

ggccgggcga	ttcggacagag	gcctgtctgc	aggcacccca	tctatatctg	ccccaaagcgc	60
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ctcaaatgcg	gcttctactt	cgaaaacttga	ttccgcaccc	gcgacgcggg	ctgctgattc	180
ctcgaaacca	ttctccacac	tattttggagc	ggcatctgct	accaagcctg	catcttctgg	240
tactggatcg	ccatcacctg	gcttcacatt	tggtggacct	gcgcagccac	catcatctct	300
ggctccatcg	actgtcagct	ctgctgctgc	cagccgcgag	tcactcctg	gaattacatc	360
cgacacggga	gcgaggaggt	ctggagatgg	tgatgcagct	gaggctttgc	ctcaggctaa	420
ccttgctcaa	agtcagagcg	gtgaggagaa	tgaagacgtt	gtgatcgaga	ctagagcgcg	480
cggtttgaaa	ctcaccacaa	atggatggaa	cagtcacgga	gttgggtttc	ttcgtgtatt	540
gaaggatcgc	actacctctc	gcggccgtgt	tatacttaga	gttgaccgga	gcggcaagat	600
tgctctgaac	gcattcttga	tcaaaacaact	cangtacact	gtcaagggca	ccagtggtga	660
ctttctgtga	ccccaaagcg	atgggcctnc	ggaacaatgg	ggcaatcggg	ttaaaaagga	720
ggaaagcggn	acgcctcgga					740

<210> 5610

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5610
 ggctgatggt cttctcatct ggggtttaca gtctttgaac gatcacattc gacaaatcgt 60
 tcatcatgca tgcggagaat cctctacaga gtaccgccga agtcaactcg gtcggacaac 120
 agtcagaatc acaaaataat gcccttctcg ggcaaattct cacaggaaaa caagaacatt 180
 accttaagcg cgagctcatc gcccgccaag tgcaaagcga aatcgccgag ttaaaactctc 240
 ccacagccct ccaacgtttc ggtgccccat tcaggtcaga gtacggagaa gtcgccccag 300
 ttgactcaga actccctatc ctacgatata tcttcgttca tcatgtgcgc aatttttcctt 360
 ttctcgacca ggcccgcgag aaggagtttt ggcagggata aatacaagtg ttcttagaat 420
 ccttcgcgaa gaagcatgtt tcgtcgctcg aaaatcgctt ggaggagaca aagccccaaa 480
 aaatttagcca ggaagtgcc aaaaactcgt ggagctcatg atggtatctt gtatcccaac 540
 gggcatcqa tatgaaaaac gaaatcaagt ttcggaaaac gaagttgaaa atcgcggtggc 600
 catgaccag ggcccttttgg tcatatgccc gaagggaatg ccttcacc 648

<210> 5611
 <211> 726
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5611
 gcgggatggt tctttcatct atattgggtc agaaccgaca gggcaatatt cgccttgcaa 60
 aatggtatgc gccgtacagc gatgacgaga aagtctagct caaaggcgag gtccatctcc 120
 tgtaatcacc aatagatgca aaatactcat acatctttat caaccaccat cctacctcgc 180
 atattcttta ccgacgatac atcgcatcat tttaccaccg tcatgccata attatcaaag 240
 ttgactctt gacgacatgt gtcactgtga cgctgcaatt tctcttttta cgtgacgtat 300
 ttctctttta cagaccatgc actatctcgt tttgttgtgc tgagatgata cctccacgac 360
 tattctaccc tctctcatga ctttctactc gacgttaaca ccgttttacc atcttctctt 420
 cgataccata tctgtgactt cactctacct acatgcgac tcgacttcca atgctgtcag 480
 actctatctc cacatccgcg gttgctccca tcacattatg actattacga tgcaatacac 540
 attcgctgac gttgccatct cgtgatcact tcaatatcac gtaaattacc acgattattc 600
 tgacaattat cgacgacatg tcttattcgt gatcatcgcg acaatcacga tgacatttat 660
 atctactcaa ttgcttcata ctatccgatt ataccgccta cgactcaaca cttcattact 720
 ctctcg 726

<210> 5612
 <211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 5612
 ggagactcta tctttcgacc ttggggcagc gcacaccatc cgaaggaqqa actactqaaq 60
 aagtatccat agctctatcg actagtatgt tctcaccatc ctatctgcac agagatacgg 120
 ccgtggcggtg agtaggatca ccatecatat gcatacatcg gccgtgatat ggcggtgtttg 180
 ctgggggatg caggtcatcc gatgatgcct gaccaaagcc aggggtgcctg tatagtattt 240
 gaagatgcgc cagcgctggg aaggcttttc aacaacgaca acttctctgg agatattgct 300
 gaaactctcg ccactatga cgaaatccga ctgccacgag ctactaaggg tcaatctggc 360
 qaalcatagg cggcgataaa tatcaatgaa cggatagggt tctcgagcaa taattcttacc 420
 tacgtgtact gagatgaata tgagaagaac acactgacta ttggagagat gaatgcgtgc 480
 gacatgtaca aagatatcga agacgcgac gctggcgcaa aggggtgtacc ttacagcac 540
 catacaccat ggactaccat ttcggctgaa gctgtaaaag gagtgcagat cggagaataa 600
 tgtacgaatt atttgcgta tgctccttt aataatgctt tcttgacatt gggcctgcta 660

taagcgtctt ccn

673

<210> 5613
<211> 1033
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(1033)
<223> n = A,T,C or G

<400> 5613
cgcgctctgac gaccagactg ccaatgatat attcaccact tttgccgagt cacagagaga 60
caactacctc ttccgcccca caagtgatgc atcgatcgct aaggcagaag gtgttaagca 120
accttcgatt gttctctata aagacttoga tgaagaagaaa gctacttatq atggagagat 180
tgaacaggat gccctcctca gttgggltcaa gactgocagt acccctctgg tgggcgagct 240
gggcccagag acttactcgg gatataaac ggctggcatt ccactggcgt acattttcgc 300
cgaaacccaaa gaagagcgtg agcagttcac cgaggagttc aagttcatcg ccgagaaaca 360
caagggttcc atcaatattg tcaccattga cgccaagttg tacggcgctc atgcaggcaa 420
tctcaacctt gacctctcca agttccctgc attcgctatt caagaccctg aaaagaacgc 480
caagtatcct tatgaccagt cgaaggaagt caaggccaag gatatcggtt aattcatcca 540
agacgttctt gatgataaag tagagccaag cattaagtct gaggtctatt ctgagactca 600
ggaaggctct gttactgttg ttgtcgcgca ttctataaag gatctcgtcc ttgacaacga 660
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gaagtacgag gaacttgcaa gcctttacaa ggatattcct gaagttacca tcgccaaaat 780
tgacgcaacg gccaacgatg tccccgactc cattacagga tttcctacta ttaagctctt 840
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cgccaacttt gtcaaggaga atggcaagca caaggctgat gctcttgaag ttgatccgaa 960
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tnctgctgct act 1033

<210> 5614
<211> 699
<212> DNA
<213> *Aspergillus oryzae*

<400> 5614
gggtcctgaa cgtcttctct ctatccaaac ttagacgggtg ccttgattca gtgcgtacga 60
cttgaaaacc tatccgcac tctaaactcc taccacggat accattttgc cgctcaacgt 120
catttcacag tgcaaaagttg caaacccctg tgctcacaca cggaatccgt ctgccttgcc 180
ttttccccgc cagtaaccgg gcccgaaagca taatcaagaa ttatgggctc atttgtggag 240
gatctttggg ctacgcgtctt taccocgggt cccactccca ccttgctagt cgctgctaac 300
gpcactttcg ccgcactcca actggtcctc ttgctgcttc tctagcgcac ctacagcact 360
cacttgatcg ttctatccgt cctcttcgcc tcaactatgt ggtcgatcaa ctggattgct 420
caagaatttg caacggtgca tgctcaagaa gctgagaatg agaagacaga gtcgaacgaa 480
ctgctcacag aggaagacga ctatgacaag aggaatccg aagctagtctt gaaaacaacc 540
gtgagctctg gacagcacag aaagtgaccc cgagaccgag agtttgatgg agcgttaaat 600
attttgcggg gtctcgtgcc ggttcactcg tacaccactg ccggcgggcag ttataacggt 660
ttctttttaa ccgcggggac accaaagggag gatttcgaa 699

<210> 5615
<211> 719
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

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<400> 5615
gggaaatctc aaagacagcg tctcgcaagg ctggtagtga gaagatgttt cgaacaccga      60
tttacttttt gagtcattggg ggtccgaatg tcatgtacca gacggaccac ccggcgtaca      120
agaagctggg gcagatcggg aaggagatta cgactaagggt gaagccaaag gctgtggtgg      180
ttttctcggc gcattggcag gcgggcaggg atacgattca ggtaataacg gctgagatta      240
cggatttgat ttatgatttc tacggtttcc ccagccattt ttacaaggag aagtatccca      300
atgtgggcag caggagggtt gcgaataagg tgcttgatct gctcgggaaa gcggggatta      360
aggcgggaagg tgagaaaaga ggcttggatc acggcgtgtg gtcaagtatt aagtgtgcga      420
tcnacccttg attggacccc gttgaatgtg cccattgggc aagggtttcct tgttcaagaa      480
gaaaatccat gcaccgcatt accggctccg gtcaagcccc gatcaaaacta ctgctatgaa      540
atacaactct caccgattact cattagatac ggaacatatc tcgcctctca gacttcttcg      600
tttcatcgac aacattgtaa gtaacgctg ccataccgct tacatcactt attacgtcga      660
tgtctatcga catcgtcgac ggtcaatata ctcgatcatt ccccttcac cctcgcgcg      719

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<210> 5616

<211> 701

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(701)

<223> n = A,T,C or G

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<400> 5616
cttcgagacc gttgcctttt ttatctctgg cttggttgta acattcctta tccaggatgg      60
aaaatcaaac tatcttgaag gcggcttgtg tctgggaatg tacgtgattc tggctctggc      120
attctatgta tacccggtac aggccaccga cgacgcccta tttcacattt agatacgcgc      180
attagtgtgg attgtgataa ggtgcactca ccgttccctt tccgcgtgtt catctctacc      240
ctttcgagaa acgtgaagat acgacgagga caaaggcgga ttgcattgtc caccactaa      300
attatctatg tgatgctcct gtccctcctt tttgattctc atttttgttg taattcatcc      360
ttggatgggt cccgggctac cctttaatct tttcatacgg gatccgaagg acctgtactg      420
cgggtcagtc actttgggtc atattgttgc gtatctcgcg agaaaatggc acatttgatt      480
tggtcgtgct cgggtggttt ctttttgtct caccctgaac tctcttggtc atatcgagtc      540
aggtcattga tcgttggaca cagcaaatTT tgatgctaca gttagggctg tgtaatatta      600
aaatcttang ctttggcttt gagagaatng gataanccga cgannnnnat tttnnnnntt      660
tannnnnnnn nnnnnnaaaa aattcctgcg gccgttcgac c                                719

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<210> 5617

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

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<400> 5617
cttttttgggt ggaatcacct ggtctaggca tattccatcg atgcctgag aacggacctc      60
cgtgcacccc ngcttgacat gctgagttcc gaagggttac atccgatccc gaaggatccc      120
cacgacgagc agattaataa atgaaggaat tgctattggt tttaccogga tgattatata      180
acagatcgag aacagccaaag aaagtaatca actaagcctt tgttaacggt gtacccaacg      240
ggatagcgtc ccccgcgctc ctcaactgaaa cctcgccaat tccgacgcga cgttcaattt      300
tgtctcacc cgtttcagac cggacttgaa agtgaccttc rctctgaaga cgacaaccac      360
gtccgagccc ccaaattgga agtacgagat gttgtcgccc ttcttgacat ggtcgccttt      420
cttcacgggtc atcacaacgg atgatacctg agccatgcc aatgggcaaca ccgccacctt      480
accatagctt ttcgtctgaa tgacgatgag ccacgggtc tgacaccatt gataaccggc      540
gttgtccgga gcatccagat tgtaatagcc atgaccgcca ctcaggagcc tttccctgcg      600

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tcttgtgatc atatgcggtg tccggatcag tcttongtgc cgggacaagt gan

653

<210> 5618

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5618

ggttttttaga	ttgagttact	cctctcttca	ggtgaagatt	atacacattt	aattgattaa	60
tatatcgctt	acaaactaca	ctacaaacaa	acacacataa	tgaagctcct	caccaaggaa	120
gaagaagacg	ctcactacag	agcagtccta	aaaggcgcca	caatcggcac	cgtcctcggt	180
ctaataggcg	gctacgcggg	cgctctcgcc	gcaccccgcc	gctaccacac	aatccgcaac	240
ctaacgctcc	ccatgaaagc	cttctctcgt	acctctctcg	gtaccttcgt	cggcatcatc	300
gcagccgaca	actcatcccc	gaacttcgaa	ggtgagcgca	acgcccacca	gcaatggtac	360
cagaaccggg	agcagcggtc	gcgcgaggag	tcgctgcagg	ggatgagttt	catggagcgg	420
tcgctggcgt	gggcgaggaa	ggagaagtat	acgattgtta	ccgcgacgtg	ggtggcgtct	480
atgattggga	gttttctgct	ggtgggaagg	aatccgtacc	tongrggaca	gcagaagatt	540
gtccaggcgc	gtgtttatgc	ccagggtttg	acgcttgccg	ttctgggtgc	ttctgcggcg	600
tttgagatca	gtgatcagag	gaagggggaag	gggattttga	aaaaaaaagt	gaggaaaagg	660
aggtctctga	tggaaagtct	ggtgttcttg	ttgaggagga	accttgtagg	cata	714

<210> 5619

<211> 580

<212> DNA

<213> *Aspergillus oryzae*

<400> 5619

tatgcccgct	cattcgaata	cggcgcgagg	gggtaaagat	actcactgga	caggcaatat	60
ccgcctcacc	caaagacatc	ctccatgaag	tctatctact	cgcttctgct	gtgcactgcg	120
ctcagggcgg	cttctccgca	ccccgcattt	ccacaatcac	ctctgggtgt	gccgacaaca	180
tcgtcaccat	caacagggac	gttcaattcc	gccgaggaag	tgatcaatgc	ctcgcccttc	240
ctgtcttttc	accgagatat	tgtgcagatt	gaatctatct	ctagcaacga	gcacaatgtc	300
ggggagttca	tcgcgcattt	tctccgcgcc	cgcaacttca	ccgtcattga	gcaggcagta	360
acttctgtct	ctcaaacaga	aaaccaagag	cgtttttaacg	tctttgccta	cccgtcgtct	420
aataccccg	aaatctctat	taccagtcac	atcgacactg	tcccaccatt	tatcccgtac	480
tccttggaca	ccgactcgac	cacggataat	gacccgtcca	cgatccgtat	cttcgggtcgc	540
ggcttcgggt	accgcaaaa	caccgttcaa	gcctatatatt			580

<210> 5620

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5620

tacctctctt	acctctcacc	ctgaagtata	cctcgattta	actcaaccag	caagcaagat	60
atataacata	ctaataaatc	ggaaacaaca	cccacacgaa	taagaaaata	tagaaagggg	120
aaaaaaaaagt	caacatggct	acccaccgct	tcgaccccaa	tttcaccgac	aatgtcgtca	180
acgccatggg	ccccaaagac	aacctctcgt	tcggaaagct	catgaccagc	ctaatacgcc	240
atgtccacga	cttcgcgcgc	gagaacgagg	tcaccgttga	cgagtggatg	gctgggtgtc	300
atgtgatgaa	ctgggcgggt	caaatgagcg	acgacggagg	gaatgaggga	caactagtgt	360
ggagagtgat	cgggttggaa	tccctcgtag	acgaaatcac	cttcaaaactc	gtcgaaaagg	420
ongaaagcgc	tgcacccgga	actgctatcc	tgtgcccatt	cttgcgcgcc	gataccccct	480
aaaggaagaa	cagcgaaaaac	attgtcaaa	gggtcccaga	tggcgacaag	gctgtcatag	540
catggcgagg	tatggaattt	accaccaaga	aacctctcgt	gggcgcacaac	cgggaaatgc	600
gtaacaagtt	gaccaaagg	tggacaaacg	qcggtatata	accagaagg	aac	653

<210> 5621

<211> 1908

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1908)
 <223> n = A,T,C or G

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<400> 5621
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agagcaagggt cctgacagcc ctatcctcga ggatctgtat gatcgtatgg acaaaatgga      180
tccctccact tccacactc gtgcttcctt gatcttgact ggtctgggat tcaacanagt      240
taccatcaac aagaagacca aggacatgtc cgggtggttg cgtatgcgtg tggetcttgc      300
caaggctctg ttcgtcaagc cttccctgct tctgctggac gaccctactg ctcacttgga      360
ctcagaggcc tgtgtgtggt tggaaagatta cctgaagaag tgggagcgca cctcgtcct      420
ggtttccaac tccatggact tcttgaacgg tgtctgtacc accatgattg atatgcgcac      480
gaagcagctc ctgtcctacg gtggtataaa cgattcttac cacaagaccc tgtccgaaca      540
ggacacgacc catatgaggg atccaatanc ggcgaggaaa atattgcccc cattaaaaat      600
tttatcgctt ccgcgggtac atattccaac ttggttagac aggccaagtc gcgtcagaag      660
atcctcgaca agatggaggc cgatgggttc atccagcccg ttatccccga cagaatcttc      720
agcttccgct ttgcogaagt tgagaagctt cccctcccg tctgtcctt cgatgatgtc      780
agcttctcct actccggcag ctgggaggat accctgtatg agcaccttga cttcgggtgc      840
gacatggatt ccagaactgc tctggtcgcc cccaacggtg tcggcaagtc cactctgctg      900
cgcatcatga ccggaagct gcaaccattt ggtggtcgtg tcagccgtca cactcacttg      960
aagttgggca tgtacagtca gcaactctgc gagcagctcg atctgacca gtctctctt      1020
gacttcgtcc gcgacaagtt ccccgagaag agtcaggact accagtactg gcgtcaacag      1080
ctcggccggt atggtctgag cggtagtctc cagactgctc tgatgggcac tctgtctgan      1140
ggtcaaaaaga gccgtatcgt gttcgctctg ttggccattg aatccccgaa catgatcctt      1200
ctcgacgaac ctactaacgg tctcgatata cccaccattg acagtctggc tgatgccatc      1260
aacgcctaca gcggtggtgt cgttgtcgtg tcccacgact tccgtctcct cgacaagatc      1320
gccaaggaca tcatggtctg tgagaacaag accgttaccg ggtgggatgg tactatcggc      1380
cagtacaagg accacctgcg caagaagatg attgacgccg gtgctgtcta agaaacggca      1440
cgaaaaaaaa atgaaggaaa acgacgcttc ttgttatgat tggaatgtca gagacgacaa      1500
tgaaaactca aaagctgcag gggagttaga atcaaaaagt ttcttacagg agaaatgatc      1560
catcctgggt gatatagtga cattggcggg tgacggtttt ctttcttaca tacatatctg      1620
gtgatatctg cttctgcttg tttgggttgc tttactttta ttagatggtc tgtctgtgtt      1680
tcatacctca tccctgcta gacccctcgc gtttcaaggg tcaatttata ttcttatatc      1740
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gggtcttggc cctctcgctg cactatgtag ggntatgntn atgacgaggc atggaactac      1860
ggaccagcaa tccagtgaac ttatctantt atcccaggtc aaaacacc      1908

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<210> 5622
 <211> 1140
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1140)
 <223> n = A,T,C or G

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<400> 5622
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<210> 5623

<211> 1596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5623

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<210> 5624

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5624

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cacaacagca	gtccaatcga	cgaacggggg	tgggtggggc	aatggattca	tcctaacgac	180
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catcgacacg	tacacgagca	atctggagac	tttctcgga	gatgtgcgga	atgcgggggg	420
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 <211> 721
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

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cattggcaga	gctcgtatag	aacagtcatt	acgcagagtt	ttgagcttga	aggcgaaatg	300
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t						721

<210> 5626
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 5626						
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agcagaagct	gccggtaact	cttccgtgcc	cccgttcacc	agagacagac	cttttcgac	180
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cccagaggac	tgaagagcaa	gttgatcgag	cagttgcagg	cacagcatgt	tgagattgag	300
gacctttcgg	gcggtctgtg	ccaggcattc	caggcgggtg	ttgtatcccc	acagttcgag	360
aagaagacca	tgcctcgtcg	tcaccgattg	gtaaactcgg	ttctgaaggc	cgaaatcgca	420
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gatatatcct	gggtatttgc	acgcgcttgt	agcatatang	catgcgttgg	agattttatt	600
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<210> 5627
 <211> 648
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(648)

<223> n = A,T,C or G

<400> 5627

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caccggagat	ggcgggcttt	tcgcccagct	atctagcaat	cccttcttca	cagcgggctt	180
cggctctgcc	ggcttaggtg	ctgggttaag	tttcgctcag	aagggcattc	ggcatggcgc	240
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tccctgggtt	ctacattgga	tgacgctata	ccaacgttcg	cagctcagtt	cggctcagtc	360
agcggccagc	aggtctggct	atatggaaac	cttactccag	aagatgaccc	cgggatgctg	420
ccacctctca	atccaaacgc	agaaagtoga	acactcanac	ggggccatac	atacacatnn	480
ttcgctagtc	cccgggtcag	ggagacacgg	tcttgcgtag	aagaatgcgt	ttatcttcga	540
aatcggtatg	gcgagtcgaa	gcaactggacc	ttagactggg	cggccgtgga	aacgattacc	600
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<210> 5628

<211> 736

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 5628

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ggatgggtccg	cttctcggtg	gtcaagctgg	gcgacaagct	tgaggacata	aaggatgtcc	360
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<210> 5629

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5629

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gcaatgctta	cactqtccct	atgtcgagggt	atgaccccc	accctttctt	agccctacat	540

ctacacatat	aactccaata	taatactctt	gttctatata	ggccacatgc	taacatatac	600
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<210> 5630
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5630						
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gcccttcaga	ggacactcta	tt				682

<210> 5631
 <211> 613
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

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<210> 5632
 <211> 500
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5632						
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ctggaacagt	acaagcggtc	caaggacctt	catgatattt	accagcgtgt	cgaaaaccga	420
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500

<210> 5633

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 5633

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tggatttctc	tgggtttcca	aatcataaag	acatccctga	tgaccgccgt	ctttgtccag	180
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gcagccttca	gcttcgggtc	ttataaattt	ggggaccagt	gatggacaag	ttgtcacaag	600
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<210> 5634

<211> 929

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(929)

<223> n = A,T,C or G

<400> 5634

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<210> 5635

<211> 552

<212> DNA

<213> *Aspergillus oryzae*

<400> 5635

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<210> 5636

<211> 524

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 5636

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agcgccagca	agaacgctgc	gaagaaggcc	gcaaaggaga	aggccaaggc	cgagaaagct	180
gctgcgcgcg	ccgcccagga	gaaggctcag	gccgccgctg	ctgaggccaa	cgacaccgca	240
aaggatctct	acggcaagat	cccgaatcc	gaagacgtcc	tccccaccac	gaagttcgat	300
gatattaccg	atgaccacta	cgagaaggag	atcaccgtgg	tcgctcgtgt	ggacaatgcc	360
cgtgttcaga	gtgccaagct	ggccttcctg	atgctcagac	agcagggcaa	gaaggtgcag	420
gctgttattg	ccgctgcgga	gcccattctg	agacagatgg	tcaagtacac	cggtggactg	480
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<210> 5637

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5637

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tacacagcag	gttggcgagg	aatcgtcagc	aacttttagtc	catcatgggt	ttccacaaca	180
atggggacag	gcattggccg	aatccttggtc	catcttatgc	ctttcgagca	tgccgcgctg	240
cagtacatag	ccatagcctt	ttttgttctg	aatgccttgt	tgttcctcac	cgtgctcggc	300
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attattgatg	cgggcgcaac	gggggcggtc	accggatcac	tctcatttat	tcttatttcg	540
caacattacg	tcccatcggt	agagcgaata	accgcctggc	attattggcg	atcgggtgcac	600
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<210> 5638

<211> 734

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

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cttggaaacat gccaaagggcc acacagtga agagagtatt taccggctgc caaacggcga 180
aaggatatgg gatttccgca agctaagcga ccatttgata gaacgacacg ggtatccaat 240
agcgtttatg gatcgacaaa cagttctcca aacgctatat aacaaaattc aggataaaag 300
caagattctt acaggaaaga gggttaaagc catagacagc tctgatccga ccgtggtgaa 360
agtgattacg accgatggat caatatacag tggggacatt gtcgtcggcg ccgacggtat 420
tcattcaact gttcgccagg agatggcacg tttaaacgta aacacgggtc gagattactt 480
ggaagaaaaa tcattctctg caacctactc ctgtgtcttc gggatttcac accggactcc 540
cggcattgat gcttgacccc ttcaggacgt attcaatgag aagttctcat atcttattgc 600
tgacgggcct ggtgaccgta cctatttctt cctgttcgag cacatggata gggtacgatt 660
tggccaggat attcctcgac tcacggagac ggaccgagac gaaattgtcg cagacacctt 720
aatgatccga tcan 734

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<210> 5639

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(656)

<223> n = A,T,C or G

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gcgaccaccg cggaagaagc cgaaaaccgc acaacttcgt ctgccttat ctacttggtta 180
acagccgaca atgtcatctg cagccatgtc gaaaaagaac aaagggaaga aagtggccga 240
tccgaatgag acttccaaac tccttgccgc aaagatttcg cagctggagc aggatgctgc 300
tggcgagaag gaccaagaag cggaaatcga gcgtgaagtt aagaaagcta cagcagacct 360
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gtacaccgaa ctggttgccg atatgaaaaa gctggaccgt gactattcca aaagcaagaa 480
gcgggccgat caactacaga aggatcaaga caaggggaaa tcggagctca ataagactgt 540
gaccatgaag gataaactgg agaagttgtg canggagctc acgaaagaaa ataagaaggt 600
caaggatgag aacaagaagt tagaggatag cgaanagaaa gcacgactga tcgtgn 656

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<210> 5640

<211> 1197

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5640
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gcgcgtcttg atccgtgtcg acttcaacgt tcctctcgat gccgacaaga agatcaccaa 180
caatcagcgt atcgtcggty ctctgcctac catcaagtae gccattgaga atggtgctaa 240
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cctgaagcct gttgctactg agctggagaa gctgcttagc aagtctgtca tcttcgcgca 360
gaactgcgtc ggcaaggaga ctgaagagat tgtgaacaag gccactgggt gccagatcat 420
cctccttgag aaactgcgtt tcacgcgca ggaggagggt agctctaagg atgcggaggg 480
caagaaggte aaggetgaca aggagaaggt cgaagagttc cgcaagggac tgactgctct 540
tggtgaagtc taatcaacg acgctttcgg aactgccac cgtgctcaca gctcgatggt 600
tggtgttgac ctgcctcaga agccttcggg ctctctgggt aagaaggaaa ttgagtaact 660
tgctaaggct ttggaaaagc ccacgcgccc ctctctgggc attctgggag gtgccaaggt 720
ctctgacaag atccagctga tcgacaacct gttgcccaag gtcaacagct tgatcatcac 780
tggtgctatg gccttcacct tcaagaagac cctcgagaac gtcaagattg gcaacagttt 840
gttcgatgag gccggtagca agattgtcgg cgatatcgtt gagaaggcca agaagaacaa 900

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tgtcaagatt	gttctgcccg	ttgactacgt	gaccgctgac	aagttcgccc	ccgatgccaa	960
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tgagaagagt	gttgagctgt	acaagaagac	tattgcccag	gccaaagacca	tcctctggaa	1080
cggctcctct	gggtgtcttcg	agctggagcc	cttcgccaac	gctaccaaga	agacccttga	1140
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<210> 5641
 <211> 1065
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1) ... (1065)
 <223> n = A,T,C or G

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cacgctcccc	tgtacctcgc	tcagagcaag	ggttacttca	aggaagaagg	cctgaagggt	180
gctctgctgg	agcccaatga	ccccctctgat	gtcactgaga	taattggtag	cggtaagggt	240
gacatggggt	tcaaggccat	gatccatact	ctggctgcca	aggctcgtaa	cttcctctgc	300
acctcgattg	gctctcttct	tgacgagcct	ttcaccgggtg	ttgtgtacct	caaggatagc	360
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gccgtccgtt	gcggcatgaa	cgttaccaag	gccatcatcc	gcggtgacat	tgatgccggc	540
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ccccgtgacg	acgttcagat	gtcccgcatc	gaccagctcg	ccgagcttgg	ctgctgctgc	660
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cagaagttca	tgcgtgctgt	caagcgtgca	acggactacg	ttctcgcaga	gcctgcagcg	780
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accaaccagt	acctctctctg	gacgttggac	gcggatncga	ccgacctctt	gggtgaccag	1020
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<210> 5642
 <211> 561
 <212> DNA
 <213> Aspergillus oryzae

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ggggaaaaaa	cccaaagggg	gggccccaaa	aaaaaacccc	ccccaggggt	cccggtttt	180
aaaaaaattt	cccggtgggc	ccccaaaaat	ttggggaaac	ccccccggcc	aaaaaaattg	240
gggcccccaa	gggggggccc	aagggggccc	gaaaaaaaac	cctgggggga	aaccccttaa	300
gccccaaaaa	cccccaaaag	gggggggtta	aaatgggccc	caaaaggggc	ctttttctta	360
aaaaggggcc	cccagggggc	cctaaccctg	gggaaagggt	ttttgggttt	tcctctgcta	420
aaaaaccccc	ccagagaaaa	tttttttaac	cggtttaaaa	atatatgaat	tttggccaaa	480
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aaaattggcc	cttttttoga	c				561

<210> 5643
 <211> 650
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 5643

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tgcgtggctt	attttacaca	agctcattga	gaaaggagct	gatagtccac	gagtgaacgg	180
atcgcatcag	acgtgtctcc	accttgccag	cagggcaggt	aacctagagg	ttgtgcgcaa	240
tcttgtagca	aacggccatg	atattctgct	gaatgatata	catgggctga	atccattcca	300
ctatgcactg	aattatagtt	gcttagatgt	cctgcagtag	atgtcagagt	ctcgcgagag	360
cgagctttcc	cagctttggc	actcgctgga	tgaccacggc	aggagtccat	tgaccatcca	420
tgtctcgtcc	gtcctctgct	atgttgacgc	ggttgatttc	ctgatacagt	gtggttgcca	480
cgccaacana	cacgacgcan	aggggaactc	ttgcctcagt	ctggtgctga	tccactatgg	540
gtcagtgaac	gtcaagaaaa	tctggcgcat	cttcttaaat	catataacgg	agcagatcat	600
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<210> 5644

<211> 439

<212> DNA

<213> *Aspergillus oryzae*

<400> 5644

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ggagagacta	tggtggatat	tcttcacctt	ctcggctctca	gcaaagaaga	tgtcaaggaa	180
ctgaccaccg	aagtagcatg	agcgtccacg	aagccgtagg	tgtgtcgcaa	acacgacaga	240
agacacatcc	tattgcaatg	atatctggcc	aagattgctg	ggggacgttc	gcccgggtgca	300
ggttttccac	ttggatcttg	ctagcagggg	cttagaaaag	caccgggttg	tcggcgcgct	360
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<210> 5645

<211> 1215

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1215)

<223> n = A,T,C or G

<400> 5645

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<210> 5646
 <211> 1128
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1128)
 <223> n = A,T,C or G

<400> 5646						
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<210> 5647
 <211> 627
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5647						
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ccggcatata	aattaccccg	acaacaccac	cctgattctg	ttgttccctc	qgtaaatgcg	540
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ccagatgtta	ttgcgcgaga	gcacgcg				627

<210> 5648
 <211> 993
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5648						
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gacttcctca	tgcgaaatg	gtcgaggaca	tattgatagc	atgtggagga	cgagaagaca	240
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ggttgggtctc	ggaagtgggtg	gtgttaagtt	cgtcaggatt	ggccccaaca	aagttgtgtc	960
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<210> 5649

<211> 1188

<212> DNA

<213> *Aspergillus oryzae*

<400> 5649

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tcatgggtac	cagctcttcc	ctgtttaacc	agttcattct	gcgtctgaac	ggcaccgata	180
tccctaattt	cctcaaggag	gcgattgccg	acgtcttggg	acatctgggc	gaaaacgatg	240
aggacattgc	agtttacgca	cccaaccctt	tctacaaata	tgcgaattca	acggcagcat	300
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tacacccgtt	gattccagccc	acccgcaacg	tggatgtgat	ctttgccgtg	gattcgtccg	420
ctgatacggg	ccatagctgg	cccaacggat	cctccttgat	ctacacctat	gaacgtagct	480
tgaatactac	aggtatcgcc	aacgggacct	ccttccctgc	ggtgcccgac	gtcaacacgt	540
tctcaacct	tggcctgaac	aaacgcccga	ccttcttcgg	atgcaattca	tccaacacca	600
gcaccccgac	cccattgatt	gtctacttgc	ccaacgcccc	ttacaccgcc	gagtccaaca	660
cgtcaacctt	ccagctggcg	tataaggacc	aacaacgcga	tgatattatc	ttgaacggct	720
acaacgtcgt	caccacgggc	aatgccagtg	ccgatgcaaa	ctggccctcg	tgcggttgggt	780
gcgctattct	ccagcgggtc	accgaacgta	cgaacactaa	gcttcccgat	atctgcaata	840
cctgcttcaa	gaattactgc	tgggacggaa	agaccaacag	caccacaccg	gcccccctatg	900
aaccggaggt	attgatggag	gcgtcgactt	ccggggcctc	gaaggatcaa	ctgaaccgga	960
cagctgcagt	catcgcgctc	gcagttatgt	tctttatgac	gatctagtgc	atatactctg	1020
ttctgggata	tgttgggtgt	tgacgtagta	tgcctcatga	atacttccac	tgattttatta	1080
tttgcctatc	caaaattctg	aatattccct	gattgcattg	gttgtgtttt	atagcgcatt	1140
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<210> 5650

<211> 1248

<212> DNA

<213> *Aspergillus oryzae*

<400> 5650

cggggaaaaga	catacaact	gtcctgggta	gtatcagac	gttcgatcct	caagcgacgt	60
gtgatgatgc	taccttcag	ccctgttcgg	cgcgagcctt	ggccaaccat	aaggtagtaa	120
cggaactcgt	ccgatcaat	tatgccatca	actccggctg	tgtcgagaat	caagctgttg	180
ctgtttggcgg	ctaccccga	gacagctatt	acaacgggaa	tcttgggttc	ctgaccaccc	240
tggccgcgcg	agagcaqttg	tatgacgcgt	tgtaccagtg	ggataaaaatt	ggatcatttg	300
ccatcaaggga	cgtttctttg	ccattcttca	aagctcttta	cagttcttgc	ggagacggga	360
cctacgcate	gtccacgacg	gtgtataagg	atattgtctc	agccgtcaag	gcctatgcag	420
acggatacgt	gcagatcgtc	caaacctacg	ctgcatccac	cggctccatg	gccgagcaat	480
ataccaagac	ggacgggagt	cagacctccg	cccgggatct	tacctggctg	tacgtgcac	540
ttctcacggc	caacaaccga	cgaaacgcgg	tcttctctgc	accatggggc	gagaccgctg	600

ccaccagcat	tccgtcagct	tgctctacga	cttcgcctc	gggcacctac	agcagcgtgg	660
ttatcacatc	ctggccgacc	attagcggat	acccaggcgc	gccagacagc	ccctgccagg	720
tgccgacgac	tgtgtcgggtg	accttcgcgg	tgaaagctac	tacgggtctac	ggtgagtcta	780
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gtgaccccaa	cgggaaatat	accgttcctt	cgacttgccg	ggtgaaaagt	gctgtgcaga	1020
gcgatgtttg	gcggtgatca	tcatgtcccg	atgaagagga	ggaattggta	cgtggtattg	1080
gtgatgtggc	gctgtcatat	tcagtatata	tgttcgattc	tgtgaaatcc	gaaggcagag	1140
agaccaagag	agggcccacc	tattcgtgtg	taatagacaa	gatattgtta	gtgtcctatg	1200
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<210> 5651

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 5651

tggacattct	ttatctacga	ctcctacacc	atgctcaact	atctgcgtcg	gaccatgtgt	60
cagaccactg	gctaacatta	tacctctcgc	ttagccctag	gtagaataag	agagctcatg	120
accctgtcga	cccgaaccgt	cggcacacga	acactgctag	ggcccatact	tcatatcctg	180
caccacgacc	tgacatttca	cagcgtatgc	gcagactcca	tggatcatgc	gagagatgat	240
catctacttt	gaatacacct	ttctcgtcgc	ccacttgatc	cttgaaaaagt	gcgatgacga	300
tgctcgtccg	ctttaccgat	atataggctc	tgtgccccaa	cctgtctgct	tacgtttctt	360
tagaacgtac	agcttgacga	acgaacaccc	tcacctggag	gaccgattcc	tgaagaaact	420
gatggagctg	gacgagacct	acattgctct	acacactact	atgtatagca	ggcgtgaccg	480
tatagacaat	attgacgatg	tacctaacaa	cagtgaagtg	gatgctgtcc	aagctgagat	540
atactacagc	tatgctaaga	gccgaaatga	ctgtagcatt	cttctggacg	aggtatcata	600
cagaagcgga	gtacacaacc	tctgagtttt	ctg			633

<210> 5652

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

<400> 5652

caccacccga	aacagaagcg	gagaatcaac	ggaaattacc	ctctcctctg	caggactaca	60
ctctcaactt	ataaactccg	cagacccaac	caaactgcac	tttccatgcc	accttaacca	120
aaccaaacctt	ctaacactaca	gaaagtgaag	agcgaccatg	tcgtccctcc	gtcagcgaca	180
ggcccccgcc	ggcgccggcc	cgggcaccaa	cgaaccatct	acatccaaac	cgacctccca	240
aaagacccaa	tctcgcaacg	agaaaaacgg	cctcagcgtc	cttgatatca	tccgtgtggg	300
ggtcacactg	atcgtcgcct	catgcggctt	atcctactac	atgacgtctt	cggagtccgt	360
gctatggggc	tacaggccgt	ggttcactag	atggccgggtg	ttggtccggg	acttgcaagg	420
acccttgagt	ctcagccctc	cgcactcgc	cctctacaac	ggctccgact	cgactctccc	480
aatctaccto	gccatcaatg	gctcgggtgt	cgacgtctcg	gcgaacccgc	tcgtgtacgg	540
accgggcgga	cactacaatt	tcttcacggg	gaaggatgcc	acgcgcgcgt	tcgtcacggg	600
ctgtttccaa	gaagaccaga	cgcgatgatct	gcgggggtga	gaa		643

<210> 5653

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<400> 5653

caagagtacc	ggacggtaag	acatgcgaac	agtgacttcg	gacagttatt	cataaaacccc	60
tataactgac	tgacgaatat	agcatctcaa	gaactttgtt	ttagtcaaat	tgtacctcat	120
actttattat	actctactcc	ctggacaaga	ttattcatct	actcaaaacta	cgaatatgtc	180
tcttcaaaac	ccccctctgt	cgtctgtcaa	gatccagcac	cctgtcctgc	tggcaggaat	240
ggcgcggtgc	tctggggctc	ctctcggggc	cgtgttttcc	aacgctggcg	gtttgggaac	300
agtcgggtgt	ctgggttaca	cgcgcgagca	actctcagag	atgttgacgg	aactcaagge	360

ctccctacgg	gacccttctc	tcccttcgg	cgttgatctg	gccctacctc	aagttggcgg	420
aggagctcgt	gctacaaacc	acgactacac	ccacggtcag	ctggaccagc	tcattcgacgt	480
cgtcatttcc	cacggcgcca	agctcttcgt	ctccgcggtg	gggtgtgccc	ctgagcgcgt	540
catcaagaga	ctacacgacg	ccggcatttt	gatcatgaac	atggtcggag	cacccaagca	600
cgccgagaag	gcacttaagc	tgggcgtgga	catcgtatgc	gtccaggggtg	gtgaaggagg	660
cggtcataca	gggcgacatc	ccctttttcg				690

<210> 5654
 <211> 713
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 5654	
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tgcattgcga	gcattttactg
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aacgcaagtc	agtgcgcatte
cagaggcgcc	taagggtggag
atgaagttac	cgaaatgttc
atgcagaggg	cggcgaaggc
ccgccttgaa	aaagaagaag
agctggctga	ggctgggtgca
agggcgacct	cgaggccgga
actctctgct	tgtctcccgga
ccagcgggtgc	caagtcgtat
ctttcccaact	ccgcttttagg
tctacctttt	ttttgacgto
tctggcgggg	ccgaacagggt
ctgtcatcat	ggataccaac
agaatgaagc	cacagccgac
aagcccaccg	aagtcgggtcg
aagggattgt	ccaagaagaa
cccccgagc	tgacggcgaa
agaaggttga	cgcgggcgat
gagctgagga	gacagaggag
gggcccacga	cgcaacgcaa
tcatttcagag	ccaccacccc
ctnctcagtg	tctgcgtgaa
agtgctgtgc	
tgattccaga	
cctcaaaaac	
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gccatcccct	
gaccttctgt	
gga	

<210> 5655
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5655	
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gtgctgcccc	agatgaccc
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ttcgtcgtcg	gttttggcatt
ggcgcaaat	actggctcgt
gtcaacacaa	aggaacgtga
gcaatgaacc	ttatcctagc
gatatacgtt	atgatgatct
gcgcgatgac	gtcagcgcc
tacctgagtg	tctcctttgc
ccactgggtc	atcttcctct
atcgca	
gcattcgaaa	tggcccacct
gcctctgtct	tttgttgctg
ccctctgggg	atcaacaaca
atctttccgg	agttcgacgg
acctcgcgta	atctggctcg
atctcctgca	aaaactaacc
acaaactccg	tttcgaacgg
tgacacactt	cgccaaagat
tctggaaatc	gacaggagaa
tcgtcaaacg	atccaagacg
cggcttatat	cgacagatgt

<210> 5656
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5656	
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tgcattggaag	acgtagcttt
ttttttattt	tattttctttg
ttgcctgcgt	agtgctgctt
ctggtttgtgt	tacggctgct
gttgactctc	ttttcgtcct
tctgattttc	cctcaaaaacc

gtgacaaaga	aagatgtcag	gccgaaacat	caacctccta	agcctagatg	gcggaggcgt	300
gcgaggtctc	tctctgctta	tctgctctca	agagatcatg	gaatccatag	accgcgagaa	360
tccccccaag	ccatgcgact	acttcgattt	gataggaggc	agcggatcgg	gtgggttaat	420
agcgatcatg	ctcggggcgc	tggaaatgga	cattgaccag	tgcattccatg	cttacaagct	480
actatccaag	aatgtgttct	cccaaaagag	actcctaccc	atcggttagca	atctgcgcag	540
tgcgcgaaa	tatgacatca	agaaagtgga	attggcggtg	cggaaagatcc	tgcgagaact	600
gagttatgag	aaggatactc	ttctgaggga	ggaggcgggg	tgtaagggtat	ttgtttgtgc	660
caccgatgat	ac					672

<210> 5657

<211> 271

<212> DNA

<213> *Aspergillus oryzae*

<400> 5657

agcaacagca	gaagtgtctg	gaggcgcaaa	tcagctctcg	tgcgggcgag	actgaacaca	60
gaccatggag	agaatccaga	acgaaccaga	catcttggct	atccttcagg	accagtcct	120
gcagagcatt	ctgcagcaag	caagaaccga	cctgctgctc	tgcagaacac	atgaagatgc	180
ccaagtccgc	ctgaagattc	aaaactgtgg	gtggctgtgc	atccgctggg	accggaacg	240
agaaccctgg	atttagggga	taatccgact	g			271

<210> 5658

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5658

cggccaattt	gtagaagagg	cggaggagat	tcttgaggag	cgtatcaa	atgccagaga	60
gcattggccg	acccatctgc	atgtcatcgt	cggcaaaggc	aaccactctg	ccaaccacgt	120
ccagaagatc	aaaccccgctg	ttgagcaagt	ctgtgcgcga	cttggtctcc	agtatgcgac	180
ggaagagaa	gcgggacgca	tttatgtcaa	tctcaccggc	ggaccggctg	atatgtctga	240
agttccggcg	cactctggct	atgggcaatc	acatggtcag	tatccaggcc	agcagcaaca	300
ccaacagcca	caacaacacc	aaccccgagc	gcagcaacac	caacaacaac	agcaacagga	360
ccccgtcgag	gagatgggtc	acgcggttct	cccacgtgtg	ttgcgcaagc	tggagaaggc	420
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agtgggttaga	ttctcgtctt	accaaccag	tttttatcaa	atatgattcg	caccatttat	660
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<210> 5659

<211> 546

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 5659

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cgtctcagac	agcgttacgg	actgccgctg	ggaacaaaaac	aatatctatc	ccggacgttt	180
cggtaaacgc	aaacccctgat	ttactattag	tattcaggcc	cttcttgaaa	ttagatggct	240
atccaccctg	gcattattga	cttaacggaga	tgtattgtac	aggtgacaa	agcaacagca	300
taacaggcta	tggngaggct	gtcgaatacc	agggctttct	tangggtrta	tggcattatg	360
caggngctca	aatgagggtc	gggcgttgag	ccctctctcc	ctcctggctt	tongtacttc	420
catgctcacc	tcttttccgt	tgttggaagg	accctgaatc	gaggcttcgt	ataaagcgtc	480
agaatgggtt	cttgatgagt	tgacttggga	aagatgggtc	anaattatgt	acctcaccct	540

acttttt

546

<210> 5660

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5660

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ccattactgg	ctgtctcacc	gctgccggat	catccctccc	caaggacaag	cgagatgcac	120
cctcggaagt	atcgatcgaa	cctccgcaag	atgggtatata	gctactagac	acccaaagcg	180
acttgcttct	ctcctataca	cacaatcttg	tttttctgat	gctgtttcag	ttgcgcggac	240
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aaaagcttgc	agaattacgg	gtttacctgg	accgcggtgt	gaggccgtta	gagggacgac	360
tcaaatacca	aatagacaaa	gtgatcaagg	ccgctgagga	tgcggagaga	accgagcgaa	420
ccgcgcgcaa	gaccaaggca	accgaagcag	aatattctgq	cagcgacgat	gaatcggcgt	480
cggatggtga	aggcgatggc	goggatgaaa	gtgatgaaga	ccagggaagat	atcgatgaga	540
tggcttaccg	gcccacgctc	tcggcctttg	cgaagaaagt	ggaacccgaa	gcgcgggcag	600
agaagtctaa	caagatggcc	cccagcgacg	gcctctatcg	cccaccgaag	atcatgccga	660
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<210> 5661

<211> 607

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 5661

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tggttgtggt	tgcgcgcgacg	ttgaagggcc	agacggttac	ggctatgacg	ccctcgggac	180
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catattgaac	gggggtaaaa	ggacttggcc	ctgaagatac	ggaattttat	tcctggatgt	600
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<210> 5662

<211> 573

<212> DNA

<213> *Aspergillus oryzae*

<400> 5662

agggcccaaac	cttaaaaataa	aaagaaatga	aaaaaaaaaagg	ggggccccccc	aaaattaccc	60
ccccaatata	aatgcaaaaa	aaaatttacc	aaaaaaaaaaaa	aattccccgg	gaaaaaccac	120
cccccttggga	aaaagggggcc	aaaaaaaaaac	tgggaaaagg	gccccccac	cttaatttta	180
ccaaacccgc	cctccaaaaca	atttcaaaaac	cctttcaaaa	tttcccccaa	aaacaacggg	240
gattggcccc	aaaaaccccc	aaatttcaaa	cccccaaggg	aaacaaaacc	ctggggaaaa	300
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aaacccccgt	gttccccacc	agacaccacc	taaccaacct	gtctccaaag	ccccctaaaa	480
cccccgggcc	caaagggaaa	aacggggcgc	tgggtcctt	agaaaaccaa	cacacaccaa	540
aaaaaaattt	ccccatccct	caaggcaaaa	gag			573

<210> 5663
 <211> 1493
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5663
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 ggaagtcatt gaatactttt ggctggactc tcacaatgat caaggatatc taggtaacgt 180
 ctttggcgtg ggccggtgtt cgttcccagt catcgatgca ttcacatgcc ctccctaagc 240
 tgggcccctag actctaggat cctagttctg aaggacatgg catcgatgga ctgggttcgt 300
 tctgagatta tacggctaaa acttgatctg gataatacca gcgaaaagga tcatgccttc 360
 tctcgtttctt cctgttgatg gaatggctaa cagatgatag tcattgcaac ttgaaacatg 420
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 gytggcaagt gggacgagtt caagttccgc cctatccggc aaagccaggt ctctcgtgcc 600
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 ggtgctgggt cctgcggtct gagcactgcg tacgtcttgg ccaaggctcg tccggacctg 720
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 gtcaactgga cgtcgttcac ccttcaccac gatgatcact cctgcatgga ccccaacact 1080
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 gccatggttc tcagtgggtg caaggctgcc gaggaggcat tgaagggtgt cagcagcgct 1380
 cagcgcgagt gttctgagta aatgactcac taccggaatg ggttcagtgc atgaaccggg 1440
 attgtcttac ggtctttgac caatggggaa tgaggataat gggatagtc tgg 1493

<210> 5664
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5664
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 acacaacttg aaacctaaa cccaaaacca tggcctccaa ccgataccgg cgtatcgcaa 180
 aggaaatagc ccatatacac gccgatacgc agtctgggat cacagccgaa ccagtaggca 240
 gogatgaaga cctcacacat ctacgcggtg catttcgggg gcctccacgt actccgtatg 300
 atggcgccac ctacgtcgtg catttaatga taccacacga ctattctca cctgacgcga 360
 cgagtttagt gacgtccaca aggtactgat cacgatataa agacacgata ccgcgaaatt 420
 atgatgccta cgaagatgat tactcgacat gaagacgacg ctcacacaga cagcatttg 480
 cgacacgtag acgaaatgta cgacacgata actttaagat gactattccg atataattac 540
 gaattcattc tcacgctatt acgaagcgac gtcattggtat cgacgacaat actacaatga 600
 tgaatctccc acgaatctga ggatgaattg atgangaacg taacqatcaa cgcgatcaa 659

<210> 5665
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 5665
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gtgccgttac tgtgaacacc gtgaccccg ggaaccctaa ccgtgcggtc gaggagtcca 360
ccaaatgggc caagctggca ctgggcaagg ggttgaacag caacatcaat gttgacgatt 420
ttgttcagca gcttctgttc ctgccggccg aagcggagat catctcggac tcggtgtatg 480
ctaactcgca gacgctggac ggccgcgggt tcgccgagga gtccatccgt cgtcgtaccc 540
tgcccgacaa gggcatcgtg gaccccgctc cagctagcgc atttgcggag aagagtanca 600
gtggatggag tgaggtggcc aanaagggtc catcgaatgc ccatcgtgaa gaagatagca 660
gcaatgccgc g 671

<210> 5666

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5666
gcaaaacccc cccatttcac atcgtcttgt tcaaaactag acgccacctt tcgcatctct 60
acagtcttcc ttatcggaag tcattttatc tattttctaa cctcccgctg tgagacgcgc 120
acaagtcctt cccttggcgc gtttctggat atccaacaac cgcaatcatg gcgcctaaac 180
agaaagccca gaagatgtcc atcagcacct tcttagctga tgagaacttt ggctcttggg 240
ccgacgagat ggatgacatg cctttgcctg ccgccccctc tcagcccagg ttcgacagcg 300
atcgccgtgc tgggtggccc ccgtctgctg gatttggcag tggcttcggt gaccgtggct 360
acgccgtgag ggagccccct cccctcccca ccagccccc gtatactgcc cagctcggaa 420
acttaacctt tgatgcgact tcggtgata tctctgacct ctttgttgac tgtgctgtga 480
cgaacgttcg tattgtggaa gacaagttga cgaaggcccc taagggttc gggttcgtca 540
aattctaaac cgaaaacggg ttgataaaag ggctcttgac ctttcggcg ccacccttga 600
gggaaggacc catccgggta actttcgaaa agcccttcta agggaacgtg ttgtcaagga 660
atctgatcgg gactcc 676

<210> 5667

<211> 730

<212> DNA

<213> *Aspergillus oryzae*

<400> 5667
cttggagtca cacagatcgt acataccacg agctttactt ggtcctctat acccggtgtg 60
gacaagtcca gtttcatcat caagtcttga tatggtcacc atgttcggcc gactcaccga 120
ctacgctttt gacgtgtgcc tcttctccgc ctttttggca ggtgtgaagc gttcgactgg 180
tcttaccccc agtctcgact ccgacaaaat caccgacaac aaagacttca agaaatggat 240
cgatagctac ctccggcgtt gcgagtgggt gatggatcag tccgttgccg tccgtgggtc 300
caccagctat ttcgagcgca ggccgtgaat tatacaccgc gggttatccg gataaatcgg 360
agcgacgctt tgggtgggga ttgaattgat accgaggcgc gctctgggtt ttccctaagt 420
cagcctggga atcgagttcg ccagaagaat aaataggagg acatacatta ttaccgctt 480
gggacatcat gtcgagagag tgcgtgtctt gtaaaaaaat atcaagagag ccgtcgtgac 540
tgggtattttt qcggtcttga tagcggcttg gathcagatt gatgattacc ttctccttta 600
tcaggtccgg tattggggac cgtggcgtta ggactctcac cttgacltla tatcttgggt 660
tcagtttgggt atttatattcg ctttacatga gaaaaaaaaa aaaaaaaaaa attcctgggg 720
cccggaattc 730

<210> 5668

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(681)
 <223> n = A,T,C or G

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<400> 5668
ctttatttct cccaggaagt tccgggtactc agtcagcacc acctatcata acagcagcca      60
tacgatcatg ccaacgaatg gggcttcacc gtgacgttcc cagaccccat ctttcccagg      120
ccgagcaaga acagaggaag aggggtattct ggggtgccta tatccttgat cagagcgcat      180
gcatacggac ggggagttcg cccaccacgc atccagacga tcttgatata ggttttcccg      240
aggtggataa tgatgatgag tttacaatga acggcaatgc ttcttttttc cgcagctttt      300
gccatttgac gctcataaga agccgggtat atagtaaact ttatgctgtt aaagctctgc      360
agaaaatgtc tcccagagag atctacgata ttgtccggga gctccgagag gaacttgaag      420
aatggcataa tgcaagcccc ttcacccaac aactgaagcc gaaaggaccc agncaggatt      480
tccctgggtgg atttgctact gctgggtttgc agctttgcta ttataattct atgatcaaga      540
accacggctt ggccttgact ttttattttg cctataggca aaattttaca ttggcggcgg      600
ggggacgtta atacacacac ttttcaccaa tgggctaagg caatcttatt ttttgtaag      660
gtgcccggaa aaactgaaat t                                     681
```

<210> 5669
 <211> 522
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5669
gggacaagcg cgatcttgca accggcgagg ttatattctc aggtgacaaa cttttctgga      60
cacaaggcgt cttegaattc cgctatcacc ataatgccaa acataacgtc atggcaatct      120
ccagaccatt tgagattcgc attggctgat atgaagagga ggatgaccat gaacttacac      180
aagcgtccgt ggagaagagc ctcttaacccg tcataccgag ctgcttcgat cgggatccgg      240
agatcgctcc agaggccgta gacgagccgt tcggaaagtct ggtggagcgc gacggtaaat      300
tcgctaagcg ggttgctatc gccgtacacc aaatggtttg tgttgaaatt gcacctggag      360
ttgttcaggc cgatgggact gtccgcaacc tcgcctggag ggtgtgcaat gcgaagaggg      420
tccctggctc ttacagcatg tcaagaaacg gcgcgtccac cccgaccgag aggaaagaag      480
aagggtgtaa aatcacttgg tgcctttttt aatcacgaaa ta                                     522
```

<210> 5670
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

```
<400> 5670
ttttatccac ccccttgcgat acagatgcgt catgaatggc ttgcgacgc acgacctega      60
tgaggggtcg tacggngaga agtcocgggt gcagggcggc ctgaagacat tcgacgcatt      120
ccccagaacc aaaccggact acacggctcc ctcccgctga ggccggccaat ggacctgctt      180
gatcctctct atctgcagcg tcttctccat ctccgaattc aaaacgtgga tcaaaggctg      240
cgagaacccac caattcagcg acgaaaaagg cgtctccacg gacctccagc tqaaccttga      300
catacgaact caaatgcctt ggcagcgcct acacgtcaac atccaagacy cctacggcga      360
cugcattctc gcggggagag tgcctgaagaa ggaccccacc aactggaagc tttggacgga      420
caagcgcaac taagaccacg agtatcagac gcttagtcgc gaggaaccga gcgggttaga      480
ggcgcaggag gaggaagccc atgtgcgcca tgtgctgggt gaggtgagac acaaccccaa      540
gaagatgata ctcagggtcc caagctgcgg agaggagatg ctgtcgatcc gtgtcgcat      600
tattgaagtc tggaaaggaaa taagggtgat ggagatttcc atatccaggg gagaggtctt      660
ggntataggg atatgggggg acn                                     683
```

<210> 5671
 <211> 552

<212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

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<400> 5671
cgaggggaacg atgtcgacgg cgttacccaa atgcgtgtgt cgtggactgg agttcccgtt      60
ggccaggagg atgtcaccaa gcagaactgg gaaatgtact atgttcgcag tatcaagcag      120
acttttcgggt ttggcaactat tctctgatct agtgcgcccg tatttagaag cttgacgatt      180
tgaactccgc ttgggggtata cagatgacct gatgctgtct gcgatcaacg cgccttcgg      240
ggctggcgta attatctttt gggtcgactt gatagcgttc ttggaaagca gacactctgt      300
acatcacatc cgtgcctttt gtgatacaac ttccctcttt gcattcgagg ggtatgggcc      360
gacgattcca cgatagaatt tcatgattag atcaatqtaa aacgaatcaa taacgaaaac      420
ctacgggttg atacactata tctgtctgta tggcattgga taactacact tactcacgat      480
aaatcaaatt ttccttaacc ctttttgaaa aaaaanaaaa annnanaaaa aannnaattt      540
ccgggggcgc tc                                         552
```

<210> 5672
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

```
<400> 5672
ccccactcaa gcccgctcaa aatgccagcc gacgaatact ccgtcggcgg gggcggcaag      60
ctcaaactaa aaggctccaa agtgagcgac ggccgcgatag aaaagaaaaa gaagaaagcc      120
aagaaaaacc cggaaaccgg cagcaagaaa gaaagcgaag atgctccgtc tgcatacaaca      180
tcccaggcag tggatgagaa ggagaacctt ctttcgcctc cgcagctca gcaggatgaa      240
tccgatttcg ggggtgagcg tggggctact gggaagacgg aggcggaaaag gaagtatgag      300
gagatgagga agaagaggtt acaagaacgt ctcaagcgag aaggggtcaa aacgcataaa      360
gagcgagtag aagagttgaa caaatacctc agtcgactga gcgaacatca cgacatgccg      420
aagattggac ccggttaaga cagggtttatt attcttatta ggattattgg tttttttttc      480
ttcttttggt catgcatgta tcttgggtat tattgtttgt tctttatata ttatagggtt      540
gtagaatttc ctcattgcaat gggtgtcatg tgcccttttt atttttattt ggatttttat      600
ttttgggttt tcttttttgc tggcgctccc tttttcttaa tgtctatcac gttagaactc      660
gaagggtgaaa atcatatqac cn                                         682
```

<210> 5673
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

```
<400> 5673
taatatcaat ctcaacccct tctcccttta ttactgtgta tgttcgtaact tggacttctta      60
gagattgtct cggcttgaca gcaacttatt ccgtttcttt actgtagcga tacttttcat      120
gtccaccatg gaccgcagct tggatgagat cattgcggag cgtcctcaga aacaaaaccg      180
gggtggccgc cgtcctctct agggctcgtc ccgtgatggc gtaagaaagt cttacagaga      240
agaacgccct gatttagatc tatattacag ggattgggta caccacaaat atgaagacga      300
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cagagattca	cgcccatctc	gtgccccctc	acgacctcgc	ggtagccgct	attccccgcc	360
gccggaccac	gctcctactg	gagctaagct	tcgatttgag	aaccttcatt	atgatattac	420
agaaagtgat	cttgaggatc	tattcaactc	aatnggtccg	atcagcaacc	tgtctctcgt	480
ctatgaccga	gcaggacgct	ctgaggccgt	ggctttggta	cctatgaacg	tcccagcgat	540
gcgagaactg	ccantagcga	gtttgacggc	gcgaatgcta	aaggacaacc	tattcgtgtg	600
actcttggtt	ccacgggtgg	tggaacgacga	gaccggaatc	cnntttgaca	cgttgagaga	660
cctaagggtg	gcttg					675

<210> 5674

<211> 1348

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1348)

<223> n = A,T,C or G

<400> 5674

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cggaaaggaa	gacgcggcca	acaactatgc	tctgtggcac	tataccatcg	gaaaggagct	120
tgtggacaac	gtcgttgacc	gcgtcccgcc	ggtagccgat	aactgttcct	ctctacaggg	180
cttccgtgtc	ttccactcct	tccggtgggtg	tactggctct	ggtttcgggtg	ctctgttggt	240
ggagcgcctc	tccactgaat	acggcaagaa	agccaagcta	gagttcgccg	tttacctgc	300
cccccggtga	tcaactgcgg	ttgttgagcc	ctacaatgct	gtactggcca	cccacagcac	360
tattgagaac	gctgactgca	ccttcctttg	tgacaacgaa	gcagtctatg	acatttgccg	420
tccgaacctg	gatatccccc	gcccgaagcta	tgagcatctg	aacctgctga	ttgctcaggt	480
tgtcagctct	atcacctcca	gtctgcgttt	cgatgggtgcc	ctcaacgtcg	acttgactga	540
attccagacc	aacttggtgc	ccttcctctg	tatccactac	ccgttgatct	cctttgcccc	600
cgttgatctc	agcaaccgca	gttctcatga	aagcttcaag	gtgcaggatc	ttaccttcca	660
gtgcttcgag	cctaataacc	agatgggtgt	ctgcgatcct	cgtaacggaa	agtacatggc	720
tgtggctctg	ctgtaccgcg	gtgacgttgt	gccccgtgac	tgcacccagg	ccgtagctgc	780
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tattaactac	cagaagcccg	tgcgcgttcc	caacagcgaa	cttgccccgg	tccgatcgctc	900
tgtcagcatg	ctctccaaca	ccaccgccat	ctccgaggcc	tggaagccgtc	ttgatcacaa	960
gttcgatctc	atgtactcca	agcgtgcctt	cgtccactgg	tatgtcggcg	aggggatgga	1020
agaaggagaa	ttctccgagg	cccgtgaaga	cctcgtcgcc	ctggagaagg	attacgagga	1080
gggttgccaa	cgatgggcga	gccattggaa	gaggaagagc	ctgaatactg	atcggcttgc	1140
aactcaacgc	ccgctctgct	tgtcgggttaa	tctttggctt	gtctactttg	tgccaaaatt	1200
gtatctcgtc	ccttggtctg	cgacaacccc	ttttgttttt	ttgttcctta	gcggtcgntt	1260
tattttctcaa	ccttgctccg	tagccaagcc	gggagaatat	gggccggaaa	tacgaatata	1320
catcctaatt	tctgcgaag	gaaaaaaaa				1348

<210> 5675

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 5675

ggaaaaacttc	ttctgtgacc	tcaacgttgt	cttctttctac	aagtcacaact	qqcaqaatga	60
aggatttgct	cttcagcgct	gtaacaagtt	catctgtatg	ctcatgyltg	ccctgcaga	120
gatcggcatc	gagggccccc	gcattgaacct	ccaggggtgcc	cgtgtggata	ttcctttcca	180
tgtaacgggt	ttcccaacct	agacgtcatc	ggccgaccac	gacagtcgcc	ccacgctgac	240
ccccatccac	gacatgcccg	agaacaccgg	acacagcagc	tccagcgccg	cccgccaccc	300
gtcaantcctg	cgcacaaaagca	tgaacaccgc	tgcggcccggt	gctcggggag	agtcgatcca	360
gtcacacaaa	catgtcgact	ttctattlggg	catgcgggat	ctctccttcg	gcgatgtgat	420
gggcgatgtg	tttgaaacca	cctccccctc	tggtgatgac	gttgcccgct	cttccaatcg	480
cgaagccgcc	cagcgcgcga	tcttagaaga	ggaagaggag	gaagaagccg	aacgccagag	540
ccgctcgctg	tctccccggg	cacgtcgccc	gtccaacctc	agcgtcccca	cccagccggg	600
cgaaggcgct	cggctcgacgg	a				621

<210> 5676
 <211> 570
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5676
aaattggggc ccaaccccaa aacccttgga ttttggggcc ggaaaaataa acccccaagt      60
ggcccccat ttcgggggga acttttccgg gaaatcccca aggggggtttt ttttaaaaag      120
gacccttttt aaaagggggc caaaattccc cagaaaaaaa ttttcccacc cccaggggga      180
aaaaacccca ttttccccc ttccccgatt tgcaaaatgc cccgggaaaa aaaaaccttt      240
tttttcccca aaattgggaa caaagccagg gggggccctta acaacccttg cccaattttg      300
taaaccctct tttttgacct cccgcaaacg aaaaaccttc cccgggggtt tttcccaatt      360
ccccccggaa cctttaaacc cccccaacct tggggaaaatt ttgcgggttc cccaattttt      420
tggaaaaggg ccccttaaac cccgggggat tttaaaaacc ggcccgggaa gggccctttt      480
ttttccaaaa ggggcaatat tggggaattt tccccggtta accctcttaa aaaaaccccc      540
ggggaaaaaa aattgggggg gggagcccat
```

<210> 5677
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

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<400> 5677
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ccatgtcgca ccccgcccag cctccgtatg gcaggcctgg tccatctcag tatgggtatc      120
ctgggcccgc ggcattccatg ggctatcctc agggccctcc gcaatctgag cctcaaagat      180
atttcagccc tcggcctcaa gaaacccagt cgcaccagcc caatacatcc ccttactacg      240
gtgcagacca agcgcctatg taccctccca cgtctcaatc ccccgatccg cgcaaccgca      300
cacccccagc tggagcatcc tatcagcctg tgcctcatcg accagaatcc acatatgaac      360
accgcgaaga actaggaaca tctngttatg actccctgt cgagcatcct tcgcgaagcc      420
aacgacttcc atatcctgcc agtggacaan gcccgcncgc tgcacagccc ccttccagc      480
agcagcagca acagcagcag caggaatacc caccctatgc cccctgagat gcagcttagc      540
cacaancccc cctaccctat aggccagct ttcaatcagc acccaccat gcataaccg      600
ccccttgccc gggcacaacg taaacacggc actttacctt cttaacccc cgggcagaag      660
ctatcaac
```

<210> 5678
 <211> 576
 <212> DNA
 <213> *Aspergillus oryzae*

```
<400> 5678
cattggggcca aaaaaccccc ccttttttga aacttgacct ccaaaactgg ttttttaaaa      60
aattttccca aattttttt aaacccgggg atttttaaga aattttccca qqqccctttt      120
taaaaggggc ccttttaaaaa cggggggaaa tccccgggtc ccaagggggy gaaaaacccc      180
tcatgtgggg ccggttaaag ggggggggtt aaaacccact ttttggaaac ctttgccccc      240
aaaccccttg gggtattcaa atccaacct tttcttttgg ggggaatttg ggggcgggg      300
cccaatatte cgggggagggt tggggaaaaa ccaaattttg gggaccggg taaaaatttg      360
aattcaggcc ccaagggttt ggggcctttt tttcgggatt ttttccggg aaaattcccc      420
gaaagggccc tttttgaaag aactgttggc cccctggggg ggtcgggccc tggggcccaa      480
cgggaaacttt ttgggtaccc gggggggttt gcccaaaatc ggggttttaa cccccctttg      540
aaggggaggt tttgggcccc ggggccccaa aaaccg
```

<210> 5679

<211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5679
 tcaccctagt ttattttatct cgagatcctc ctctacgtg aacgactctc tagtcattga 60
 catcttgaac tttctatccc gccgaaccac cgagtgaagt catcatatac tacctcatct 120
 cagcgacag ctcatagacc tcccactgct ttccaaactc cacctctccc tcttcgttac 180
 ctccaaacga aaagtgaagc atcaattgac tttctccaac ttcaattcaa tctccaaac 240
 acgtcaagat gactcgtgcc aacgaacaaa ctgcaaaggc cttctacaag ggatcttctg 300
 aggacttcgt agtcttcgtc gacgatattg agatcctcaa caactggcgc aaggatcgct 360
 caatcccact ggccgatgtg gtaaacggct ttaagatttt tgttactcac aaacacgggtg 420
 ctcaaggcat catggacggc gctagcaagg gtattctgga gaccgagttc ggtacctcga 480
 acgaggatga gtgcattaag aagatcctag agaacggcga ataccagtct tctgtgacga 540
 aggaacgcca ggggtgtacc aatgacgcta aagactcccc tgtcgttggc cggtaatttt 600
 cttaattcag cagagctatg catgttttta tgagccatgg attgatttgt ttattcgggt 660
 ggtttttctc tgaattttta tatatttgac gatag 695

<210> 5680
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)... (676)
 <223> n = A,T,C or G

<400> 5680
 cctggcttca acccgactag aaactaatgc tatagattta actagcgaca tttatcctgg 60
 attgaaatca accgacacgc gtgatctagg gctcttttag cataacttca acaaattcga 120
 agtcctagat aggaagtga aagaaaatgg caacttgtct tactgcccc aaacggccgt 180
 ttctagccct gcgcgcatct gtcccgctct cgtgtccgtc gatcactttg caaacacgcc 240
 ggcatacaat ctcgatatag cggacgaaac aacgcctacg tgtcaaacca gatgcgtcgt 300
 ttgggtgttt gtccacccaa ttcatgatc aaatcattca caaccgcct tgcagcgccc 360
 cctcggtata ccatacacc acgaaattcc tccctctcga tgatgttcgg agaacccttc 420
 gtggcgcttc catgaacaat ggaaattctg ctcaactacc ctctgttttc aaaacatccg 480
 tggagaagag atatcatttg aatccttcag acatagagga gatccgcaga ctgcgattaa 540
 gcgacccgat gacttggagc cgttggaaac tggctaagcg ctttgactgc tctccaatgt 600
 tcattgctat ggtatgtgaa gctggccac anaagaagga attaccgaaa caggtctggg 660
 aagcgggtcca ttgaga 676

<210> 5681
 <211> 678
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)... (678)
 <223> n = A,T,C or G

<400> 5681
 cgtgatgct gtggaatcac tattgcaacg gaatgattac atcgcattda ctgtacagtg 60
 tgcgaatgat ttcaggacgc ttcaaaggga actaaatata gggcaaaaagt tggccgatat 120
 cagcateaag accagttctg tttccttggg tagtttccgt cctcccttaa ctggagacga 180
 gattcggat ctccgggttc atgggttggc gaaagatttc atcaatggac cagacccagt 240
 ggctgccaca ctatgtagcg agaatcggt gcaccaaaca cctatcggcc atcgagctat 300
 cagggacgaa gagtttctga aaatagaaca ggggtcgata tctcctggg tggctggcag 360
 gcaaagctac caaattacgc gacgaaaaga atatggtccc agtgcaactt caaccctgt 420

gagacatttg	aagccggcga	aggtgtggac	atcacaaccc	ttggatgcat	cagcgaaaca	480
ggatctgggt	cgaaatattc	aagttctcaa	ggacgaagtg	cgcgagttgc	angaaaagat	540
ggacatggag	agagccaatc	tacagcagct	cggccatgat	tntgatgaat	gtgaacggga	600
acaggctcga	acttgagagg	gagaaagtcc	gaanaacaac	ggctcttaca	aactaccggg	660
ctatccccga	aagaattn					678

<210> 5682

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<400> 5682

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<210> 5683

<211> 869

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (869)

<223> n = A,T,C or G

<400> 5683

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<210> 5684

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (663)

<223> n = A,T,C or G

<400> 5684

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<210> 5685

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5685

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<210> 5686

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5686

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<210> 5687

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5687

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<210> 5688

<211> 1767

<212> DNA

<213> *Aspergillus oryzae*

<400> 5688

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<210> 5688

<211> 1362

<212> DNA

<213> *Aspergillus oryzae*

<400> 5689

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<210> 5690

<211> 1352

<212> DNA

<213> *Aspergillus oryzae*

<400> 5690

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<210> 5691

<211> 1107

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1107)

<223> n = A,T,C or G

<400> 5691

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<210> 5692

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5692

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<210> 5693

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5693

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679

<210> 5694
<211> 618
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 5694
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tgaagatgcy ttctttctcc ccaaggacct ggtatatgca tcgctcacat ctctttcttt 180
tcacccctcc tcaaccttga tagcatgoga atctcatgag cgcangtggt agcattttat 240
tactgactcc ctgtgctttt cggtagctgc caccctccgg gcaccctgtc ttggaacctt 300
gagttacgta tagccattat taatcttggg ggggtggccc ctttggcatt gatccccgct 360
catgtgtctg gactgttctt gtcattcatt cgtgatattt gcaaaatgac atagtgtatt 420
agtcatttac tttgatgata ctcaatgtca gccggtatat tcatgccggt cgttacacct 480
aagcttggcc cntacttatt accaacactt tcatcgtggg tgcattcttg gttcggccat 540
gaaattttga ctttcttttc ttccattttg gattgaagcc ttgcaatccg tgatgacacc 600
aagattgcac accttcct 618

<210> 5695
<211> 854
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(854)
<223> n = A,T,C or G

<400> 5695
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ggctcataac aaccatttct tcttcaactg cttgtcgccc accctactc agatcccga 180
caagttcgcc aaggacatcg ttgatactcg ctctcgatc gaatccctga agctcgactt 240
ccttgcaact gccaatgcta tgtttggccc cggatttgtg tggctggcca agaacctgga 300
gagggaagga ttgatgcaca tcttctgcac ctacaatgca ggctcccctt acccgccgc 360
tcactcccgt cggcagcccg ttgatatggc tacgcactcc cccgacgctc ccttgggcaa 420
ccagtttgct ggtgcgatgg gcgctcactc cgcgaatcag aagagcctag ctcccggcgc 480
tgtcgatgtc cagcccattc tctgtgtcaa cacatgggag catgtatgga tgatggacta 540
cggcatttgt ggaaaggctg aatacctcga gcgctgggtg gatcgcatla actgggaggt 600
tgtgttcgat aactacaacg cggtcagctc gatgaagggc acacggcatg cggccaatcg 660
gaaccgcagc ctaagcatgc tatgaaggaa aaaatgttct acagagcgga tacatatgtg 720
gttcccctcc tttcatgtct tgataattgt attatatact acatggtttg gctgttcagg 780
gtttctttat atctgggtct aattgtacag cgtatcctcg canaatagaa aaaagaatga 840
gactcaaaat agag 854

<210> 5696
<211> 1351
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(1351)

<223> n = A,T,C or G

<400> 5696

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actaccgccc	agatgtcatg	gtttcgcccc	tcaagaagta	tgaggaacaa	tacaatgtga	180
aaatcgagtt	ctccgctcag	tccgaacccc	tgggcactgc	cggtcccttg	aagttagcgg	240
aaaagatttt	gggcaaggac	gactctccat	tcttcgttct	aaactccgat	gtcatctgcg	300
actacccttt	caaggagctg	gctgagttcc	ataagaagca	tggcgatgaa	ggtaccattg	360
ttgttactaa	ggtcgacgag	ccctccaagt	atggcgctcg	tgttcacaa	cccaatcacc	420
cctcgcgcat	cgaccgcttt	gtcgaaaagc	ctgttggaatt	cgttggaaac	cgcatcaacg	480
ccggtatcta	catcatgaac	cctagtgtgt	tgaatcgcat	tgagctgcgc	ccgacatcca	540
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agggtttctg	gtggagcttt	ggccaacctc	aggacttcc	cagcggcacc	tgtctatacc	660
tcactttctt	cgccaagcgc	aattcgaagc	tgctcgcacc	caactccgaa	ccctacgtgt	720
acgggtggcaa	tggttatggtt	gacccctccg	ccaagattgg	caagaattgc	cgcatctggtc	780
ccaatgtagt	cattgggtccc	aacgtttgtg	tgggtgatgg	agttcgtctg	cagcgttctg	840
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ggaatagctc	cgtaggcagg	tgggctcgtt	tggagaatgt	taccgtgctg	ggtgacgacg	960
ttactatcgc	agacgaagtc	tatgttaatg	gtggatccat	ccttcctcat	aagagcatca	1020
agcagaacgt	tgatgttccc	gccattatta	tgtaaaaccc	ctcttctcat	gtcgacatgt	1080
cttcaaatac	tttgcctcca	gtcgctgca	cctcgaaacc	gtccgatgca	aaggaccgaa	1140
gtcggtttct	tttacttaaa	ttgatttcaa	gcaggcctga	gcctgccagg	cttcctttgg	1200
tcaagtcttg	accaattttt	ggaatacacg	acggtcctga	cacctttcta	tttaccttcc	1260
ctcttcttgc	ataaatcttt	tattccattt	cttatcttgc	tncaccgtac	gcaacttgct	1320
gaatgccttg	atggcgatag	cgtgcccctt	t			1351

<210> 5697

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<400> 5697

cctgtagcca	gcaccaagga	cttctaccag	tccctctcgt	ccatgctaga	cggcgccttc	60
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agcatccaca	acacaacca	cacccccaca	accgaacaac	tagagcaact	cttcctcttc	180
gccaatatcg	aacaatacaa	cctcgccctac	aacacctccg	acaccgtccg	tgcaattgca	240
ggctcccaac	tcgcgcggca	aatgctccag	ggctctcaacg	aaaccatcac	ctccaagggt	300
gcaaccaaac	tcaacatcca	gttcgggttc	tacggaaacct	tcctctctta	cttcgggctt	360
gcgcagctcc	ccgcgcgtga	tgtcaatttc	accggatatcc	cggactatgc	gtcgtccatg	420
tcctggggagc	tggttaccga	ttccactgca	gatggattcc	ccgatgcate	ggagattaat	480
gtgcgttttg	tcttccacaa	cggtaccatt	accgggtcca	acgatgcgcc	caaggagttc	540
ccctgttagc	gacagtcgag	tgccacgata	ccgtggtcga	agttcgtcga	ggagacgaag	600
aagattgcgc	tcaccgatac	ggaggagtg	tgtaagggtt	gtggaaacac	gg	652

<210> 5698

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 5698

gaccttcgaa	gacaaaactta	ctggatgggg	gtgttttccag	cgagctttgc	tttagcagct	60
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aacatgacag	tccgaacggc	ctggagtttc	atcttctctc	ggctctactt	ttacctgcac	180
ggcagtagcc	tgcctctgtc	tgaattctgt	ctacgacctc	aaacatggat	tgtctgggct	240
ttatcatcaa	taactctggc	cagacaagga	cagcagcata	ctgtctantg	taqctctgtg	300
aaggcattga	cattttgtac	tggttatagc	ctcttgatta	ctctctctga	aagaaagtac	360
cttgcaacac	gatacgcata	tattcacccg	ataatcaagt	ctaggagtgc	gagaataaag	420
accgaatgat	gtgcagaact	aatcgtcgaa	cacaattttt	gtggctgtca	tgtcagtgct	480
aacattctgt	aagaatgcaa	catatgcate	atgttgcttc	ctcttgacag	ttgttccaaa	540

cttaaatgaag	tectctggta	tatcctgttt	tgetgctctg	aggacgttga	tcaatctgcg	600
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<210> 5699

<211> 1095

<212> DNA

<213> *Aspergillus oryzae*

<400> 5699

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gcttccccaa	ggatgacccc	aagaagcccc	tccacctgac	ggcctccatg	ggttacaagg	180
ccggtatgac	cactggttgc	cgtgaccttg	acagacctgg	tgccaagatg	cacaagaagg	240
aggttgtcga	ggctgtcacc	gtcatcgaga	ccccccccct	tgctcgctatc	ggtgtcgtcg	300
gttacattga	gactccccgt	ggtctccgct	ctctcaccac	cgtctgggct	gagcacttga	360
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ccaagtacgc	caagcagcac	gctgaggaga	gcgggtgcctc	catcaccctg	gagcttgagc	480
gcatcaagaa	gtactgcact	gtcgtccgtg	tgctcgccca	cacccagatc	cgcaagaccc	540
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acaaggttga	cttcgccccg	aacctcttcg	agaagaccat	tgagatcgac	tccatcttcg	660
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ccagccgttg	gggcaccaag	aagcttcccc	gtaagactca	caagggtctg	cgtaagggtg	780
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tgggttacca	ccaccgtacc	tcttgcaacc	acaaggtcta	ccgtatcggg	aagggctccg	900
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gcttcgtccg	ctatggtgag	gttaagaacg	acttcgtcat	ggtcaagggt	tccgtccctg	1020
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ccaccgagaa	gatcc					1095

<210> 5700

<211> 1191

<212> DNA

<213> *Aspergillus oryzae*

<400> 5700

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atatattctac	gcactgtcct	tctttttgac	tatcctactg	agttcactcc	tttaaccatc	180
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caattttcatc	aaaatgcgtt	ccatctttcta	cttgactctc	agcgccatgg	cgtctctcgc	360
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ctctgccacc	gagtcttcca	cgactgagac	gaccactaac	accaagtccg	ccaccgagac	780
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ctctactggg	tctgcctcaa	cctccactga	ggcttccagc	accacctccg	ccagtgcate	960
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catgctggcg	atcggtctgg	gtgcatttgc	cgtcctgtga	gcttccctcg	gactctagtc	1080
ggcgatctga	ccataactta	ttaattagat	agttcttaac	tactcttcta	tcgcttcttt	1140
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<210> 5701

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

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acgaacacgt acggaattga ataggctggg ggataattgg aagggtaact ttgaccgggc 180
agtcgcgctt ctggaaaact acaagcgact atttctcctg agtcgcttgt accagagcca 240
aaagatgtcc cgtaatgtcc tcaagacgtg gcggcggatc attgaagggg aggaagattc 300
tggaatgag accaccgctt ctggcggttg gacacagatg cgcaggtatt tggccaagat 360
caaagatgca cagcttggtg aggaatatgg tgcttggttg gcacagcgaa accctagtct 420
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cggcctgttc aaggaacgag caaccaacgc agttcaagat tacttggaac acctggtttt 540
ctcaaagaat tatacacaat acgcagatga cctcctttca tantatcttg atactgtgct 600
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acgtgcatta cacg 674

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<210> 5702
<211> 682
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

<400> 5702
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gacaggccat taccctctat cccggtggaa gattctcctt catcaggcac caccacaaga 180
cctccgacaa caccaaccga cacccgacca cccaccactc cttccgagaa tcgtaaccct 240
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agcaacaaga cctccccctt ctcttcatcc gtatccccctt ggaagtcac tttcaccgac 360
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accagcctaa caggcggtt caagactacc ccatctttat ccagcaacac tacagcagcc 480
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tcctttttct gtccctatat acctaaacac gctgatgagc ccgacatcta tccaactatc 600
tttgaaggte agcaacagca tcagcatcgg cagaacggat atgatgaatt cgatcacaat 660
tactacacga cgtaatcgca an 682

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<210> 5703
<211> 670
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 5703
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gcgtgatatc atgaacaata tcaactactt tttcgacctg tatgatgata atgggaatgg 180
cactgttgat cgggagggaa ttttaagaat gtcagaagct ctcttttttc tctcccgcg 240
aggttttgac ggcgcaatta ccccgagtga acctctggag gaggttggcg aacgcgaccg 300

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cttcgagcag	gataaattga	gtaccgatga	gaggttcttg	gggagtgtca	gctcgttcat	360
ccgtcgctgc	ttcgagtacg	ccgatcccag	taaccctgag	ggcaaggcta	cgcaagaacg	420
aaaggatata	gatacagaag	aggcaaccga	aaagcttgac	gcatttgcta	ttggcgacga	480
cgacgaagaa	gaagacctca	tcgatattgc	tgacgaagca	naacccgagc	catccgattc	540
gaagaagcaa	aacagtgtata	cccagcacia	ccggngtgca	tcagaggctg	caaatccagc	600
cctcgaccgg	aacaaccctc	tacacattac	ccttcccaca	ttccgcatgg	tcattattggc	660
cgacgagcta						670

<210> 5704

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5704

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tgctcggaac	gocgtttgag	aacgagagat	gncggggag	gacggtcagt	gacgtgaagc	180
tgccctgtga	tgggatcggt	tgtgcccctc	cgctcaaaga	acaataagtt	tcattgattt	240
aataaaggaa	gcgcggtctc	gocgttctac	tttggttaagc	tctggaagat	atatataccg	300
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atcgctccac	tcgatcgctt	ctagacaaga	tggcgatgaa	cttcgtgaca	ttcaaccagg	420
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acatctttgg	tcgcgttgat	tctctcacca	cgttgctttg	caaatcactt	attaccaagc	600
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<210> 5705

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<320>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 5705

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ccgtgttgga	ggaagacgat	gaattcgagg	atttcccctg	tgaagactgg	ccacaagaag	180
aaaccgaaca	agcttctgga	tcagcaaacg	gcgctaattg	tcacctttgg	gaagagagct	240
gggatgacga	tgatgcctgt	gaggacttct	cgaagcagtt	gaaggaggaa	ctgaaaaagg	300
tcgaagcctc	ccgttagtat	gcagagtggc	atgggtatcg	ttcggttcgc	gagatgaatg	360
acagctcaat	gaattaattg	accgtggaat	tacaaatata	tcaagacgaa	acgctataca	420
taacctcaca	actgggctaa	gctagatctc	gatgctcgaa	gaattttatt	caaatcttct	480
ttgacctgca	ctgtattggg	attgaggatg	tcagattgag	gagacaacct	atgatgggat	540
actngacagc	aggcctacag	acgagaagag	gcgacgactt	gagtttttct	cgccacgtat	600
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<210> 5706

<211> 1074

<212> DNA

<213> *Aspergillus oryzae*

<400> 5706

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gctacgatat	gggagacggg	tctgattatc	ccagcccacg	aagcgaagg	cccgccgggc	180
ctgcaactgt	ccttgctact	gctgctcaag	aaccctctcc	tccagcacca	aaaatgacag	240
accaactgtc	tccgagtttc	atggaaggaa	ctcgtcccg	actgtcgggtg	agacggggcg	300

gagateccacc	caagaacgct	gcaggccaga	tttattgcca	ccatcctgag	tgtcagcacg	360
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ggaaacgtga	ctcgatcgat	tcgggtcgaaa	ttcctgatga	agaagaaaac	ggcgttgact	780
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ttcacgaagc	tgacatgtct	ctcccttttc	ccctttcaaa	ttgggggttg	cttttacacc	1020
cattgtgaca	tttggtttg	caattcaaca	ggcggtttta	ccatgcagag	tggt	1074

<210> 5707

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 5707

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ctcgtctcta	aaccgagcgc	aggccgtctt	cggcttcttt	acaaccgtgg	ccttgttcgt	180
cgcgggattt	gccgcgttgt	ctgtcttggt	atctccacc	gatgaggcga	aagcagcagt	240
gtcattgaag	gatgtcaaag	taatcaaagg	acgaccacat	tactattcaa	acaagaaaga	300
agaatacgca	caaatgcgtt	tcgatctgga	cgcgatcttc	tcttccctct	tcaactggaa	360
cacaaaacaa	ctcttcgtct	acgtctacgc	ctcctactcc	tctcttgaca	aggaatccac	420
tctctcccc	cagtcgcagt	ccatcatctg	ggataccatc	atctcggccc	cggaatcgcc	480
gtactccttc	aacaactctc	gtgagcgctt	cttcccgtcc	aagtcttctt	cgaacgggac	540
caccggcgcc	aagaagtcca	ctaagaaaga	taaagccgcg	cctggtgttc	ttcgtctgaa	600
gaaccaacgg	gctaagtacc	aaatctcgga	tatcacgggg	aagatggc		648

<210> 5708

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (667)

<223> n = A,T,C or G

<400> 5708

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tatctctgcc	attttgagtt	tcttcgatct	catcgcataa	tggtccgccc	tcaaagactc	120
acagctcgcc	tgaacctgcg	ctcagtagca	tggaattcca	ctaccagccc	atctacgccg	180
cctttgatgg	ctaaaaatcag	gaccgacctt	aagggttgcta	tgctgcca	agatacagca	240
agggtgaacg	ttctgcgcgc	tatcatttcc	gaaacgaaca	actccttgaa	gacctcatcc	300
cagatccaaa	ctgattttgca	actttttgtca	ttgattcgga	agcgtatgac	aggagcaaaa	360
gatgcggcac	aacaatttcg	tgagggcaac	ggcccgacc	tgaagagagc	cggggaaaag	420
aacgtcacga	ttctggaaga	gtatgcgaac	cagggtggaga	caataagcct	agatgatgtc	480
aagcaaatg	tggcacagga	gatctcaagg	ttaaaggaag	cggggccaaa	ggtcgagatc	540
gggacgttac	tcaaatcact	gtttgtctcc	ggaggttgct	tagacgggaa	gccagcggag	600
agatcagagg	tcgctaagat	ttgcagggag	gctgttttct	gcctctaaa	acatgaaccg	660
atcggtg						667

<210> 5709

<211> 1448

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1448)
 <223> n = A,T,C or G

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<400> 5709
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cgtttcttcg tttttgcaact ttactataca accccgcctc taaggctttt cacaaaaaaa      120
aaaccgccaa aatgggttaac ttcacaatcg aagagattcg gtccctgatg gacaagccga      180
agaacatccg taacatgtcc gtcattgtcc acgtcgatca cggaaagtc actctgtccg      240
actccttggt tcagcgtgct ggtgtcatcg ccgctgccaa ggctgggtgag gcccggttca      300
tggtactcgc tgctgatgag caggagcgtg gtattactat caagtcact gctatcaccc      360
tgtactccaa gtttgatgac cccgaggatc tcaaggagat cgagcagggt cagcagggca      420
acgagtctct gateaacttg attgactctc ccggtcacgc ttacattctc cgctgaggtc      480
actgcgcgcc ttctgtgac acgaggtgac ctgggtcggt gtcgactctg tctccggctc      540
ttgtgtccag accgagaccg tccctcgcca ggctattgct gagggtatca agcccggtct      600
gatcatcaac aagattgatc gttctatgat ggagcagcag ctccccaagg aggatcttta      660
ccagaacttc tgccgtatca tcgagaccgt caacgtcacc atcgctacct acgaagacaa      720
ggttctgggt aacgtcatgg ttcacgccga gaagggtacc gttgctttcg gttccgggtct      780
ccagggtcgg gctttcactg ttccgccagt cgcctcagg tacgctaaga agttcggtgt      840
tgaccgtaag aagatgcttg aacgtctgtg ggggtgacaac ttcttcaatc ccaagaccaa      900
gaagtggact accaagagca ctgatgctga tggcaagcct ctggagcgtg ctttcaacca      960
attctgcttg gaccccatct acaagatcat cgacgcgctc actaacaaca agagggatca     1020
aatcaccact ctcgtcgaga agcttgagat caagcttact agcagaggaga aggagtatga     1080
tggcaaaactg ctctcaaga ccatcatgag caagttcttg cctgccgccg atgctatgtt     1140
ggaaatgata tgtatccatc tgcttctctc cgttactgcc cagaagtacc gtgctgagac     1200
tctgtacgag ggtcctcacg atgacgaagc cttcaacgcc atcaaggatt gtaaggctgg     1260
ttccaaggag gaccccgctc cctgatgct ctacgtctct aagatgggtg ccacttccga     1320
caagggtcgt ttctatgctt tcggccgtgt ctactcgggt atcgtcagggt ccggtctcca     1380
agtcogtatc cagggtccta actacacccc tggcaagaag gangacctgt tcatcaagaa     1440
gaatcacg                                         1448
```

<210> 5710
 <211> 1293
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1293)
 <223> n = A,T,C or G

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<400> 5710
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caagcaacag cccggtctct tgggtaccac cgagaatgag ctcgattga ggaagtgggt     180
agaggaacag ggacacactc tcgtcactac ctctgataag gagggtgaga actccacett     240
cgacaaggaa ctcgttgacg ccgaagtcac catcaccaca cctttccacc ccggctatct     300
taccgtgag cgcctggcca aqgcacaaaa ctccaagatc gcagtcactg ctgggtgtgg     360
atcggatcac gttgacctga accgcgccaa caagactaat ggcggtatca ctgtcgctga     420
agtaactggc tgtaatgtca cctctgttgc ggaacacggt gtcatgacca tcttactct     480
ggttcgtaac tttgtccccc ctcaacgagca gatcaccgcg ggtgagtggg acgttgcgcg     540
tgctcgtaag aatgaattcg atttggaagg caaggctcgt ggaaccggtg ctgtcggccg     600
tattggtgag cgtgtccttc gtcgcctcaa gcatattgac tgcaggagc ttctctacta     660
cgactaccag ccccttagtc ccgaggttga gaaggaaatc ggctgcgctc gtgttgacac     720
cctcgaggag atgcttgctc agtgtgacgt tgttaccatc aactgcccc tgcacgagaa     780
gaccctgggc ttgttcaaca aggacctgat ctccaagatg aagaagggtc catggctcgt     840
taacactgcc cgtgggtgct ttgtcggtta ggaggatggt gctgaagctg tcaagtctgg     900
ccacttgaga ggctatgggt gtgatgtctg gtatccccag cccgccccca aggaccaccc     960
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actccgctac	gtgcagggcc	catggggcgg	tggcaacgcc	atggttcctc	acatgtctgg	1020
tacctcgatc	gacgcacaga	tccgttacgc	tcaaggcacc	aaggctattc	tcgagagcta	1080
cttctctggc	cgatcatgact	acnagaacga	ggatctcatt	gttcgcggcg	gtgattacgt	1140
tactaaggcc	tacggccaga	ggaacaaggc	ttaggtctct	ccaatcactt	tgtaatgagc	1200
gggttaaaat	gttttcttgg	cgcatgcttc	tgggctgaaa	cagccttaag	gagcagggcg	1260
atgtttactt	atgataccta	aaattatatt	gcg			1293

<210> 5711
 <211> 703
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

cggaagtcag	cttgcatacag	tagctttgaa	tggaaaccgct	caggtgtgga	aaccgactac	60
tagtgatcat	ctctcgattt	cgggatacgg	tatcaagcgg	attacagata	ttgcctggtc	120
tcctgacgga	agtcaacttg	catcagtagc	tttaaattgga	accgtttggg	tgtggaatct	180
gactactgag	agtcagctct	cgagtttttg	agataatcac	tggaaatgatg	cagattattc	240
ttctaaagtt	gcctgggtctc	ctgacggaag	ccagcttgca	tcactttcac	atagtaaagt	300
ggttgtatta	gacccggcct	ctggccagtg	catctcaaag	tttctgttct	caaccgggtga	360
cctccttcgg	ttcgatagca	tcgaccctaa	ctatctccac	acgacgcttg	gcacattcga	420
tatgagagat	ttgaaacgtg	cctcaagagg	ctccaatgac	tcaaaccatg	taccaaagcc	480
acatgggtat	ggcctcagcg	aagatctttc	ctggataaca	tatgacggaa	ctaaggtctt	540
gtggttacct	nctgaccatc	gaccgcaaaa	cttgagtgc	gttgctttgt	caaacctggc	600
tgtagccatc	ggctgtgcat	ctggtgctct	tgaaataact	gaattctcga	cgctaatcc	660
tctctcagaa	ctttgaatac	atcattcggt	gcattgagtc	cct		703

<210> 5712
 <211> 678
 <212> DNA
 <213> *Aspergillus oryzae*

gtttgtccta	tttcgagcag	accggggttca	tccagtcagg	caagatgggc	ttcatcctgg	60
gcgtgaactt	ccctgagcgg	aacctcgtaa	agaaatcgct	ccagtcattt	ttcggcattg	120
ggaacaatgg	ctcgtcacgc	cttctagccc	gcttccacat	ccaaccacg	tgtaaagtcg	180
gcgaacttgc	aaacaagcaa	gtcctcgaca	tcaacggcgc	cttggccgag	atgaaaatcc	240
gggacgaact	tcgcaacaag	ttccgggttg	gaatcaaagc	cctaaaggga	acgggttatt	300
tccgggggta	cccaaattga	tttggaaccc	ccgttgccgg	cacagggggc	gaaatctaca	360
tcaaaactgg	gttgaaaccc	aaccgcgtgg	gaaaaagggc	tcggctccaa	atacacgggg	420
tgtgtgcact	ttgtggcccc	tcgtgttcta	tatgtggggg	gacaggatat	ggtttaaact	480
cttaaatcct	cgtgaattgt	gaataggtaa	aactttttaa	ccctcgggaa	ggtgtaaaat	540
ctctaaaaaa	ggggtttttg	cccaaaaatg	gcggtgtccc	ccggttttgg	tcccagaggg	600
ttctaagaat	cttcaaaggg	cgctccgcct	tgtttggggg	gggtggcaac	aagggggggg	660
aaaaaatatt	tttttttg					678

<210> 5713
 <211> 718
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

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<400> 5713
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acatggggca aagacacttg ggatgggtatg aagggcctgg aagttcaaat ggccgcattg 120
ggtggaatta cttcgaacct gatgctcttg gagagcaagt cgccacagac catcgataca 180
aatcccgacg cagctgaaca tcacatcgat aataacgaaa acagcagcaa agaccccacc 240
aaggcgaagc cgattgagac agcagatcgg gccggagcct ggatcttgac tgtcatgac 300
gccgccggtg cgatcggcgc cgtgggggtg ttaatcaaga cgcaataagg gctcgggtta 360
gctttttatt ttcattgata gatcgtcgcg ctcaaaactgg tcagggtggga catacctttg 420
cattcagaaa tagctttcgt acattatggt ttactactat gctttcgttt catcatgaca 480
cccgataaat acttaattca gaagatatat caataccctc cttgacccat atttccgagc 540
ctaagagagc gcgttaaacc tgagaatcag aaagagaaaag tcaaaacttta ctgggccaat 600
ttgcgataag tcaatngtat tgtaccctac ccatcaagtg cctgcgcaac ttgtgtccaa 660
tccccannan aaccanntaa acaaaaaaca tttctggcgc cgttcgagca tgcattta 718

```

<210> 5714

<211> 1621

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1621)

<223> n = A,T,C or G

```

<400> 5714
cgacaggaga ttcaaaatgc tgagccgctg tggtcgccag gctttgcatg tgatcccgcg 60
cacgggaagc tcttcagag ctatcgccat cactactcaa ctccgaccgg ctgtccctt 120
gtgtgtctcc agctcaattt ctcagagccg gagtgtgtca tctccagtc gtgatggaca 180
gcaacatttg ctctccgcac acctcgagga ggaagacccc acaatctaca atattctcca 240
gaaggagaaa aaacgtcaaa agcactttat caacctgacg gcttcggaga acttcacttc 300
tcacgcggtt ttcgacgccc ttggttctcc catgtccaac aagtactccg agggttaccc 360
cgggtgccgt tactacgggt gtaatcagca catcgatgcc atcgagctca catgccaggc 420
ccgtgccctg aaggccttca acctcgaccc tgccaagtgg ggctcaacg ttcagtgcct 480
gagtggcagc cctgccaaact tgcagggtcta ccaggctctt atgcgcccc atgaccgtct 540
gatgggtctg gatcttcccc acggaggcca tctgtcccac gggtatcaga ccccgccag 600
aaagatctct gctgtctcta cttacttcga gacctcccc taccgtgtca accttgagac 660
tgggtatcatt gattacgatg ccctggaggc caacgctgag ctctaccgcc ccaagtgtct 720
gggtgcccgt acctccgctt actgcccgtt gatcgactat gagcgcatgc gcaagatcgc 780
tgacaaggte ggcgcttacc tcattgttga tatggcccat atctccggat tgatcgccgc 840
cgggtgtcatt ccttctccct tcgagtaagc cgatgttgtc actaccacca cccacaagtc 900
tcttcgtggc ccccggtggg ccatgatctt ctcccgcaag ggtgtgcgca gcaactgaaa 960
gaccggaaag gagattcttt acgaccttga gggtcctatc aacttctccg ttttccctgg 1020
tcaccagggt qgtccccaca accacaccat cactgccttt gctgttgctc tcaagcaggt 1080
tgacactccc gagttcaagc agtaccagca gcaggctcctg aacaacgcca aggctctgga 1140
gaacgagttc aagcagctgg gccacaagct cgtctctgac ggcactgaca gccacatggt 1200
cctggtcgac ctccgtgctc agaagttgga cgggtgctcg gttgaggctg tccggagca 1260
gateaacatt gcttgcaaca agaactccat ccctggtgac aagtctgccc ttacccctg 1320
tggtatccgt atcgggtgctc ctgccatgac caccggtggg atgggtgagg aggacttcaa 1380
gggcacgct cactacatcg acaaggccat caagatctgc aaggatgttc aggggtgocct 1440
gcccgaaggag gccacaagc tcaaggactt tcaggccagg gttgctctcg agacgctctc 1500
ggacatcctt gagctgcgca aggagattgc cgcctgggct tncaccttcc ttctccctgg 1560
ttaaattgtga taccaaaatt ttctgggggtt cattngttaa atctgcgagt caacatcttt 1620
g 1621

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<210> 5715

<211> 1145

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<221> misc_feature
<222> (1)...(1145)
<223> n = A,T,C or G

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<400> 5715
cgtgatcgtg atctggatga gattgttaag cctgacgatg acaagtcttg tgtcaactgg      60
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tatcttcttc cctctcttgt aaattttatt gaggacaagg ctcttgccat ccgtgggttc    180
ctcgagcaga acggcaccct acctacgaaa gacgagggct ccgcctccga gtccaaggca    240
gtgactgagg cccgtgacgc cgtcgatgca gtccgcaagt ccatcgaaga tttgaagaac    300
caggtaaagg atcacaagga ggaccttgat acggactacg gtgtgggagc catcttccgt    360
gctcttaaag gtgtctgtat ccagaaggat gccggagagt atacatacga aacttgcttc    420
ttggatcaga ctaaacagat ccgaagaag ggtggatcaa cagcccgcat gggcaacttc    480
gttcgcatcg gatctgtcac tattgatcag ctcaacgagt ccggtgagat cgtcnccgag    540
ggagagatat ctcttgagta cgcaagggac agacctgctg gaacgggtct gctcgggtcca    600
cgagtgtcgt cttgtagtgt ggtgaggaga acgagatcct gaagattgca gaagacgaaa    660
agtgtgtcta ttgatgctc gtcaacaccc ctgcggtgtg ccnaggagga gaggaagag    720
tccatgcagc ctggggccgc aaggacgaa tgtgatgtga catgctagtt ctgcatatat    780
ataccgagtt tctccaagca ttcttgtctt tcttttctct ttttagccct ctgctcgagc    840
ccactccttg tcgctttgta ttcttgaat agatctctgc atgccctgaa cagattactg    900
ggcaaggcta aatagataga gagatagcgt gaggcaggta gctttaatgg aatgcttcta    960
gaggaanann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   1020
nnnnnnnnnn nnnnnnnnnn nnnttttccg gcggccgctt gaccttgaat tgtaagggcc   1080
catttcccc ctttagggaat acaattacat gtgccggggc cgagtattac acgggctggg   1140
aaggg                                           1145

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<210> 5716
<211> 680
<212> DNA
<213> Aspergillus oryzae

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```

<400> 5716
gctttatctt tctccctacg ctccaacctc ttccagacct ctttactcca tttttatttc      60
cgctccgaat tgcttttaca ttccctccag ttccagacct aatccagacc cattatggca    120
aacggcgccg acctccggac tctcgtctca gagcttcaca acgctctcaa ccggaaacag    180
tttgatgctg ccaacgacct ccttagccgc gcaaagcgca cctcctgct gcagaatgcc    240
ctcatcccaa catcttcaac atcacctgag ctgattgctc tcgcccggga agtgttggag    300
ctcggcgctc tgtcctccat ccggcaaacg gacgcacct ctttcacacg atactaccag    360
cagttgcaac ctttctacga tctggagagg gatagcgcta atgcaggaaa ggtggacttc    420
aagaccagcc aacgcagcaa gatcacgggc ctataacctt tgctgttgct gagcatgggc    480
gacagcacca gtttccacac agtcttggag ggtctcgttg aggaggcgag tttgaagggg    540
aagagcattg aggaagaccc atgcattaaa tacccagtgg agctggagag aaacttgatg    600
gagggaagct atgataaagt gtggagagag acaaagtcgg agagagtgcc ttcagaggaa    660
ttcggcctgt tctctaattg                                           680

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<210> 5717
<211> 1016
<212> DNA
<213> Aspergillus oryzae

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<400> 5717
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gatcatctcc acaccgggtt tactgtcaaa aatttgatta acggatctac ttcaaacgtc    120
aaaatgcgtg ctactttcat cctcgtctgc ttctgtgctg tggccgctgc ccagacttct    180
tcgctgtttg aqagtccctc cgatgtcgag accaccggcg ttgctgagac tggcagtgcc    240
actgccactg ccaactgcac tggcgggcgt gagaccggt ctactgtcat tcccacgtc    300
acctctcagc ccgtgatccc ctctggaaag gctactgaag ccctactac cccacccggc    360
agcggtgccg agtctccgg tctgtgaac ggtccagct ctgctggttc ctctaccctc    420
gttaccaagt ccagcagcgc tgcgaagagc tctctgcca ccgcgactga gacctccac    480
aagaccaagt cgaccgacga atccaccagc actaagggtt cttcctccaa gtccagcgcc    540

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gctgcctcca	gcacctctga	gggcgctgcc	gtccccatgg	ccactgccgg	tcctctcggg	600
ctcattgccg	gtgctgccat	cgctgctctc	ctgtaaattg	acagctcgtg	atccattaaa	660
cgcttggtcg	attgacaata	tcgttttcgt	tctcaagcat	tagtgtgctc	cccaagcgga	720
cttgtgcttt	atggacctcc	ccccccgac	tatcccagct	accggggata	gcgggacgaa	780
aagagatgag	gcatacggat	actgaagttc	attttcatac	tccatatgta	tcattgccgg	840
gaagggtttt	ttattccaat	ttcctttctt	ttctcgtctg	acattaagtc	gccgctgtta	900
cacaagacac	gcttaatat	cgcgcgcac	atatcaaact	tgtctttctt	cgaagttaa	960
tcttaatacc	ataatgatgc	tacgctacag	gtaaatagga	attccattct	ctgagg	1016

<210> 5718

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<400> 5718

gcacacgcga	acacagcgca	tagtggcaca	actggcggag	qtttggtcgg	gggtgcttct	60
acgcacacaa	ctcaatcaaa	accccttctc	ggtggcatgg	gaacgtccaa	caacactggc	120
ggatcgctat	tggcggtgc	gaacccaaaac	aacacgcaac	aacagcagca	agctcaaaaag	180
cctacattat	ctttggttgg	aaacccaaaac	accacaacac	agcaaccagc	gcagcccact	240
gcagcagctg	gaacagtagt	tccaggggtc	aaagtggact	taagcaacct	tctaccgaca	300
actaagtatg	agagctgtgc	cgacgagatc	aagaaggagc	tggaagtatt	cgacaattac	360
gttctttacg	aaatcaagat	gtgcaacgaa	gtgggaaaca	tgatccctag	cattgctgcc	420
cagggagaaa	ccattccgaa	cgacgtggag	tttgtccaag	ggaagtggga	aacaatgcaa	480
cacgcactgg	agaacgatgc	cagcgatatt	gatcagttac	gaagtcttgt	ggctcgtgat	540
gcggtgaag	cacatgtggg	ctttcggggc	attgataccc	ctcagctacc	tctgcagttc	600
cagcctgcag	cgggctctgg	atgggtttct	gttcaagacc	aaaaattggc	tgatcgacaa	660
tgggtgcggt	caacacgcaa	gaacactttg	gcctt			695

<210> 5719

<211> 1186

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1186)

<223> n = A,T,C or G

<400> 5719

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cacgcgcgcg	acagaggaat	tcttggtcca	gtactatatg	gccgacaatg	acacattcct	180
gaactcgcac	gtgggcgcgc	ctattgagga	tcagaacagc	cttcaagtcg	gagaccgcgg	240
cccgacattg	ctggaggatt	tcattcttcg	acagaagatc	cagcgcttcg	atcacgaacg	300
tgttcttgaa	cgtgcagtc	acgctcgcgg	tgttggtgcc	catgggtgtc	tcacctcgta	360
cgggtgactac	tctaaccatca	ctgctgcctc	gttcccttga	gctgagggca	aggagactcc	420
ggttttcgtg	cgattctcga	ctggtgcggg	tagcctgggt	agttcggatt	tggctcgcga	480
tgttcatggc	tttgcgactc	gtttctacac	tgatgagggt	aacttcgata	ttgttgga	540
caacattccc	gtcttcttca	tccaggacgc	tattcttttc	cctgatctca	tccacgctgt	600
caagcctcgt	gggtgacaatg	agatccctca	ggtggnact	ggnatgact	ctacttqqqa	660
ctttctcagc	cagcagccca	gttccctgca	cacctgctc	tgggccaatg	ccggccatgg	720
tatccgcgcg	tctcttcgcc	acgtcgatgg	ctttgggtatc	cacaccttcc	gcttctgcac	780
tgaacaagggt	gactccaagc	tcgtcaagtt	ccactggaaa	gtcctgcang	gtaagcccaa	840
catgggtctgg	gaaagagcgc	aacaggctctc	tggcaagaac	cccgaacttca	tgcgccaaga	900
tctcttcgaa	gcgacgcagg	cgggcagata	ccctgaatgg	gagctcgtgg	ttcaaatcat	960
tgttgaagaa	gaccaactga	aatttggcct	tcaatcttgt	gatccaacca	agaaactccc	1020
cgaggatacg	tgcgaattaac	caagctggcc	aagatgactt	taaaccggaa	ccttgcaact	1080
actttgcaca	actgtacgcg	tcatgttcca	ccctgcccac	atcgtcctgg	tggttaactt	1140
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<210> 5720
 <211> 738
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

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<400> 5720
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aagaaggcat cgtcaaaaacc cactcactac gaccgcccc cgcccagcct cccccaaaaa      120
tagtgacatc caccgctcaa ttcgctcccc ttccagcttt tctcgaccct tctctgttct      180
ttctctcacg tcacggccac tttagcgatt gctacctctc cgtctctgct ctcttgagcc      240
ttccttctta ctatctttac gcaattcccc tgtcccaag aagaccacac acaccttccg      300
ctctcatggc tccacctcct ccgtcgaaact tgcctttggc cgagaggctg aaggccttgg      360
cccagactct acaatttgct tggtttgctg ggcacgtcac cctgctgctc tccgtcttcc      420
gctatctcct gtcctacatc accttcaact actactcgtc ctgggcacag gtgtcctacc      480
gcttggtctt cctttcggcg gctgcgacat atggtatcgg ggtgtacaag ggacatattg      540
cccggtgctg tcttcagggt agcgttcoga acattgcggg gaagctcgct ggtgatgaaa      600
atgtccagta tcttggaatg gcgattgtct ggctctattc ccgccagggt ccatnggcc      660
tnnctcctn tagcgtctac tcgatncttc acgtngcgac atactctcgc gcccactga      720
tccccacttt gcagcccn                                     738
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<210> 5721
 <211> 841
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5721
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tttacagaac atggatgagc tatttttctt tcttcgcacc aagggtgcca tgccacgggc      180
gtattggggg cttccggata ccaaacagct gtcgtctctg ctgattgtaa tcgaaccgtc      240
ctacaaggaa tacaatgctc tgatggaggc ggcgcttccg gctatgtacg gacaaaaagc      300
ggtcaataca tcacgcacac aaagatacga tatggagtta ttgaacgaac gttatgccga      360
ttcggccacc gtgcttccgc atcgccagta tggcttagtg agtggcgaat tccgcgcaga      420
ggatcataga aatttcctgg gcaataacta tgaagtttgg gatccggata aagtgtctagc      480
agaagccaaa cttgttcatt ttccagactg gcctttgcct aagccgtggg ttctgtggcc      540
gcagaatttg ctggctgaga tgttgcccaa gtgtaaacac aaccctggca caccacaaga      600
aagtgggtgc cgtgatcgag aggtgtggaa aagtatctat catgacttcc ggcgccggcg      660
aaaggacatc tgcaaaactc tgagttatcc ggccctgct tggcctccaa cggagcattc      720
tgagtcttcc ggctcaaaaag aacctgtata atgcataatt gatagagcgt gatcggytll      780
aatgggttcc caccggggct aagcattaca tgtaaatacag atagactgtc acattttatg      840
a
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<210> 5722
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

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ccagttatgg cggcagcgct cccctcgcac aggagtttct gccttcccat cctcaaaacc      120
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ccgttcgagc	atctcccat	cgttcagcga	ttctacccc	cgccgctcga	tatcatatgc	180
catctgcgag	tcgaagacaa	accgactcac	ttccccacgg	agatccctcc	ccgcaattgt	240
gcgtcttcaa	cagcgttgcg	ccttttcgtc	cacctctacc	agccccgcc	ccaagggtat	300
acagaacccg	agaaccggcg	aagatggcaa	tccactgacg	attgaaatct	cgccccgcgc	360
tgcagaacgt	ctccgcgaag	tcaccgatcc	tacatcatct	ccatctgtcc	ttaaagagaa	420
cccataccac	catctccgta	tcacagttac	cagcggagga	tgccacgggt	tccaatatat	480
gatgtccctg	gaagccgcat	cgaagatcga	cccgaagaa	gacaccgtct	tcgaggcaga	540
atactcccc	gaggaaggat	cgtctgaggc	cgccggccag	gccaaaggtag	tcatggacga	600
gccctctttg	gnagctctgt	acggaagtac	agtggactat	acaatggagt	tgatcggcag	660
tcagttcaaa	n					671

<210> 5723

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5723

gcttttaaa	atttctctt	tcactgcgaa	ctccaaacga	aaaacttcat	atcaaaatgg	60
gtcctcaact	gtttctgac	gtgggattgt	tcctccaaact	gctctctgcc	cacgagctac	120
atccacgcgc	aggccctgac	tgtcagttct	cagtggccgc	ctctacctt	ggagaaactt	180
gcgacacttt	cactaggagg	tggcatattg	atcgtgccac	atttctgtcg	ttgaatccc	240
gtgccgactg	ctccggcctt	gctgatgac	gcacttactg	tgtgcagcca	agtcctgcgg	300
tctcggctac	ttctatggca	acgacatcgt	ccacaaccac	agctacctct	acagcggcaa	360
tgtctacaac	caccgatatc	tctacagtga	catcatccac	aagtaccagc	agttctacgg	420
cgacatcgtc	aacaagcact	ggcggtctct	cagcaacatc	gtccacaact	gccgacagct	480
ctacagcgac	aacggagtct	gctactccca	cagctagctc	cgagtcttcc	gccacatctt	540
ctaccgttcc	tctgcaaate	acaatgatcc	ttacactact	actatctctg	tgcttcattt	600
aaccggggag	tctcaacaag	cgtgt				663

<210> 5724

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (663)

<223> n = A,T,C or G

<400> 5724

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tagctctttc	tgacacgatt	gacagcacat	taaaaccata	acttcggcgg	ttgtgtcttc	180
cgacctgtcc	ttgacacccc	agccagacgc	gcataattct	ctgcaactga	alataaccaat	240
cccaccgccg	acaaaagaat	cacgggatca	gacagttagt	gttgcgaaag	cggctatgga	300
aaaggccaca	gcggcagtc	gcgactccag	aggtccgta	cacaaacgcc	ttcaggatat	360
gcagaagaag	aaaatagcta	gaccggatga	tgttcggaaa	gcacaggaac	agatggaaaa	420
ggtaacggag	aaagggcaaa	gggaggtgag	ggatcttttt	gaggcagcaa	agaaggcgat	480
ggagagggca	taacctgaag	cgttggcgag	aaatgtgttt	tgtgaatgat	tgtaattggt	540
gggcataca	gttcgtgccc	aggtcactac	ttgggatata	actccaatag	ctgactaaca	600
gcatgattng	cctcgcatat	gtaccaatat	atggaaatga	acattaatac	actagtgcga	660
atg						663

<210> 5725

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 5725

ctgcacaatc	tctggccatg	ggaaataact	cgggcaacac	caccaacacg	agtgtagcaa	60
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cctgtgtaag	cccttgccaa	actatacatt	gccccaacct	gacaaaacta	gtgcctagcc	120
ttgattggcg	ctctcggcaa	aaaggtctca	ttcccaaaaca	gccaaccccta	caacgactcg	180
atcaacactt	acttctccca	acaaaactcc	aacctccacc	ccctttgcat	tgtttctcca	240
acgacagcac	aggacgtgtc	caccgccatc	aaaataataa	attcaacccc	tgaaactcca	300
aatttcgcca	ttcgctcatg	cggccatgcc	cccttcaccc	gcgcatccaa	catcgcaaac	360
gggatcactc	tgcacctccg	tggcctaaac	agtatcaaag	taagccccga	tgcacgacc	420
gcctccatcg	gcgtcggcgc	aacctgtggc	gacgtctatc	cccacctcga	ccaattatgc	480
ctctcagtcg	caagcggtcg	cgcaggacaa	gtaggagtgt	gtggcctaac	caccggcggg	540
gggatctcat	aattctctcc	gcggtacggc	tggacctgcg	agacggtgac	taacttcaaa	600
gtcgtcctcc	caaaggcacg	atcgtcaatg	ccaatgatg			639

<210> 5726

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 5726

cgatcactgc	ctgagatcag	atcatacctc	cacaatgcag	atcaagtcac	ccaccgttct	60
cgtaaccctt	gtgggctcct	ccatggcccc	ggctgccaac	ctccagcaaa	gacagtttga	120
atcgaccgac	gtggccgcca	ctaccaccga	cagcaactcg	ggttctacgg	agaccggctc	180
agtcactctc	ccatacctca	ccgagaccag	ccagacgggc	agtacgactg	gatctgaagc	240
tcctacaggt	accggctctg	gaactgccac	tggatcagga	tctaccactg	gatcaggatc	300
tcccaccgga	tcgctccagta	gcggagccga	atcgacctcg	gactccgcta	ctcccactag	360
cggatcggcc	tgccttaccg	agtcgggac	gaccacttcc	acttccactt	ctaccactac	420
cgaggcctca	accaccacta	gtcgaagcga	gaccagctcg	ggaactgctt	cctccacttc	480
atcatcggtc	tctccttcgt	cgactgactc	gggtgcgctc	tcgaccttgc	ctcaagggtg	540
ggccacatgg	atgctccctt	tcgttttggg	cgccttctct	tgagatgggt	ttttgattga	600
atgctgtaat	gcgcttaatg	aatatccgaa	gggatttgga	aatgggctat	gatccacgtg	660
tgttttgtcg	gactgtgcat	attgttccct	ctgtaccttc	gctcaaccat	aatgatgctt	720
tcgttggcta	tttatctcta	cagctatgca	gatagttaga	ttccctacat	ctaatactgc	780
ggaccactgc	g					791

<210> 5727

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5727

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tgccgtggag	gtcatcgacg	gtggccccatg	ccgattactc	aacgcgcgcg	cgtgcatgat	120
ccagacagcc	atccatgctg	ctacttccga	tctctgctgg	gcaacacaca	ggcacatggt	180
gcacagtcgc	gcgtgatgca	gactcagtcg	ctcatcggat	attatcactc	aagatgcgtc	240
tacctctctc	actgatcatg	tggcgtgcac	acaatcaaag	gccttagtcc	tgcacacaga	300
agaacgaaag	aatatcgccg	cagcattggg	cgacaggaac	gcggctctgt	tgcagaatca	360
tggactcttg	acagttggaa	atacgatcga	cgagacgggt	ttttgaattca	tgaactttga	420
gaagtgcgtg	tatgcacagt	tattgaactga	tgcggcggcg	gcgggaacgag	gaggacagac	480
gatcaagggt	gatgatgccg	atgcgggctt	taegtataaa	tctgtgggga	cgccttttagc	540
gggttatttc	accgcgaaac	cgtgtgtgtga	tgtgattcat	gatgagacca	acgggagtta	600
tttgaatcat	tgagctggct	ttactatata	ggatgcctta	ctgaatgacc	ttctctcttc	660
caagcgctgg	gtaattacct	gcggatgcac	ataggatgaa	actacagtcg	gntccttttc	720
ctgaacaaaa	aa					732

<210> 5728

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5728

gcagcaagac	acaatggaat	cctcaaaaac	tacagctgat	attgctattg	ttggcgcagg	60
aattgtgggg	tccgcgctgg	cttattttct	atcgcagacc	gataaaaaag	tggtttctcat	120
cgatcgctca	ttttcagagt	tgaaaggctc	gaagggtcat	gcccccggt	tcgttggtca	180
attcaatgaa	tccgaggttc	tcacacgctc	tgcaattgaa	actgtgggag	aatacacgaa	240
ggtagccggc	ggatttgatg	ttgttgagg	tcttgagatt	gctaccagct	gtgaagggtg	300
cgcccgatta	agatcgagat	gtgagatggc	caagagagct	ggactctccg	ccgaattaat	360
atcctccggg	caggcaacta	gcttgcccc	agaactggtc	aatgacgaca	accaaatagc	420
cttgtacttt	cctgggtgat	gtgttgogaa	cgctatcaga	ataactacgt	tttatcacga	480
anaagcaagg	gctcggnngc	tggaaactcat	cgaagcagaa	gttacccgaa	tccaacatgc	540
caatggctgc	gtgaatgggt	tgatgaccac	atcggggctc	atccccgcca	gaagtcatat	600
cgcacgggaa	ttgggcacta	ctttgcagtc	acattcaacc	gacgcactgt	gccatct	657

<210> 5729

<211> 483

<212> DNA

<213> *Aspergillus oryzae*

<400> 5729

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gaattggtga	taaatatcgc	ctacgaggag	caatcgctgt	cttcaacgct	ttactctgta	120
ttattggact	tcccattatg	ggctttgcga	aaggcaatgc	tgcgcggtac	gtgggcgtat	180
tcttcgctgt	ggcgggtgcc	aactccaaca	tcccagcttg	tatggcatat	caagcgaaca	240
atgtccgtgg	tcaatggacc	cgtgcatttt	ctagtgtctac	attggtggga	tttgggtggca	300
tccgaggaat	tgtgagtagc	ttgggtcttta	ggctctcagga	tgcacctgga	taccgaccgg	360
gcatgtggac	gactattgca	tgcaatctcc	tcattgttagt	cattgtggcc	gcgatgagct	420
tgtggttccg	cgggtcgaac	agagaagcgg	accggggggga	gcgtgtcatc	gaggggtctc	480
cag						483

<210> 5730

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<400> 5730

ggnaagccta	caqtatccac	taagccgcct	cctcctaactc	cccgcccaacc	tatcgcagcg	60
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acacccggaag	aagtaaatgt	tgatgtgtct	tccaagaagc	ccacaaagcc	tgctgtggaa	180
cgctccaccaa	gtcctgtgac	cgtcggaacg	aagttgaacg	gcctcaacta	cttcaagaat	240
aagcctgata	tgcgcgcct	ggaagactct	gaatatccgg	aatggctgtg	gtcgtttgta	300
gatgatgcta	agaagcaatc	gaaatccgaa	ggcggagtgg	atccgagcac	tctgaacaaa	360
aagcaacgca	agcgtatga	gaagaagatg	ctgctcgcgc	cgcaaccctt	ccccctaaga	420
tccctgttga	ccaaacagct	actgatatta	ctcctgcata	gtacaaacq	qgcqggcaag	480
caatgatga	tctttctggc	gaaggccgct	gaaagtcttg	gcgcgcctc	cagattacca	540
aaacgccaaa	gaggcacgga	ggaaggcctc	ataaaaggta	actttctccg	cgggttgaaa	600
tttaaggaag	cgtggctggg	ggtgggttgt	ccactctttg	gggttttaac	aggggtattc	660
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<210> 5731

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 5731
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 atcgcatacc gagccctcgg ctgagagttg agttcctgcc gggcagcgcc aatgatttag 180
 caaatgatcc tactacggaa tctttgtact cactgttccg cagctatggg aaactgagag 240
 acattgaaag gcaaccgtcg gattccaaga tccaccaag gtacgcctac gtagaatttg 300
 ctgctcccaa gttcgcggtt atggcgaaaa actgcattga cggattcaca atcgagaga 360
 aagaagggtg cgggaaattt ggcacaagggt tgaagattaa ctatgaacgg aagatcaaatt 420
 tgtcaatgat taaggactgg atcttgagcc atccaagaat agtaatccct gccgtcgtctg 480
 cacttatcgc ggccatcact gtgactgatt ttgaccccat tgcacacctt tttatcaaga 540
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 gttantagga caacatcacc ggcttgggtg ttgtggcc 638

<210> 5732
 <211> 631
 <212> DNA
 <213> Aspergillus oryzae

<400> 5732
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 caccctcgcc ggtgcgggga cccctgggtg cgacggatac gatctcttat cgagactgct 180
 cgagtatgat cccaccaaga ggataactgc gcaggaggca ctggagcatc catattttta 240
 gaattgggggt cctatctccg ccaactgctt cgagggtctt gaggggaaat atccgcaccg 300
 tctgttcacc caggatgata atgatatccg gtctggaagt ctacctggta ctaagcggag 360
 cggattaccg gatgatagtt taatgggacg cgctcgaaa cggctcaaag aataacctga 420
 tccctgtcga tactttgaga gctatctat aatttgagc gggagtgtt gggggcttat 480
 gggtttgcac atacttcatt tctgacattt tgcattggcg ttggtttggc tgtgatgcac 540
 agatggcttg gtaaatttta catatctaca gtatataaga aggtaaatat gggaccattt 600
 ggtaagaatc taccctttta acgtatttta t 631

<210> 5733
 <211> 724
 <212> DNA
 <213> Aspergillus oryzae

<400> 5733
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 ccgccagcgc cactgcctcc tgcaacagcg tgacctactg gcagctcccc gtcgacgatg 180
 ccgctgcgc cctccccaag accggcaact actctgatgt catggacaaa tgctgctccc 240
 cggccaagggt gaccgatctc gacaacgggt ggggctctca ctgtctcgcc caggggccaga 300
 gcgtcggcga cctcaaggac tgctgcgca agaacggcgc ccaggacggt cgcgagttct 360
 actgcaaggg caatgatacc gccacggcca cggcctccgc tccgtcttcc accaagaccg 420
 gggacaagac cgggactgca actggcagcg gtggtctctc cactctctcc qacagcgccg 480
 cctatgctat ccagcctgct gtttccaagg ggggactcgg tctcttggcc atgggtctct 540
 gctccgcttt gatgggggtt gttgcctaga tacttttcaac ttgggggttg ctacctggga 600
 aqaattgggt gatctgtcta tatgttttgg tttcttttgg gatccgtctt gcgatgcac 660
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 cggg 724

<210> 5734
 <211> 693
 <212> DNA
 <213> Aspergillus oryzae

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<400> 5734
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ctgctggaat tacctcagtc actataaact atcctcttga cattgttcgg acacgtcttt 180
ctattcaatc agcgtcgttc gcagccctag gtcactgcga tggcagagga aatctaccga 240
gcacgttcga gaccatgcgc tttatgatta ttactgaggg tgtgtcttta tcgctgttaa 300
tccgagatga tacctcacgc gacgagtcgt gagatactat gcgctatgtc actaccatgc 360
cacttcgtcg tcccgatctg acatgctacg acagttagtg tgctaagacg tgcgatata 420
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taccaccacg aggagctatc tcaatcgatc atcatgatcg ccgctgtcat gatctgaaga 600
tcactactgt cgacaatcac gatcctgatc gccgctgacg tcgaagattc ccagctatcg 660
acgatcgttc gttatgaaca accttgacgt gcc 693

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<210> 5735

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

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acggtactgg gactcatctt cgagcgggtc tctatcctg gcctcgcgta cttctattct 180
cgaaactatt cctcttgtga tcgccaaact cctaagttg acaccgaagt ccactggttg 240
cacctttgag tctgtctttt tctcgcctcg gtcttctcgc gtaaccacc ccatactctt 300
tgtctcctc ctgatctctt cgggttggtg cgcgacgtgg ttggcacgag ccagaggccg 360
gcgtgccggc cgcggtggca ttcttggggt cactaacggc aacaatggtt tctttcacct 420
tgatgggaaa gaagtctgtt gaacggcggc tcaactggna aggttgatta gtcgacggtc 480
gatgatctcg gaagaacatt tgtacagtta ttatattcat ttttacctct tttccctcat 540
gaccgttctc ctcttctctc aatccttcgt tcgctcgcgt ttgattcacc tgggtcttta 600
ttgggtttgt aaagttttaa ctgggttcaa atcttgga 639

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<210> 5736

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

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<400> 5736
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tgcgatgggc atctccagct cctcgaaacc ctccatcgcc gatgggagct cggatgtacc 180
actccagccc gtctacccg ctctagacca cctcaagtcg cgtctgacta ctctaataa 240
cattcttggt ggcccggtc ctgtctcggc ggtcccaaca ataggttccg ctccaccttc 300
aacaacngtg tcgacacctc atctcgagaa tctgtcgacc cgcgtgagaa agctaaccgc 360
cgacacggaa gctctcgcat ccgcacgcga ggcgcgcgtc gatgcgcgta aggtgcgcga 420
aaatgctcgc atcgctaccc cagctctcga accctccgac atgtccgtgt cctctcctc 480
cgccacagaa gtcgaccccg cagcgactca acgtgatgag caagccacga aggtccaagc 540
tctctacgcc accttaccaa ccattcaatc ctttcacccc attctcccca gcgtcctgga 600
acgaactnng tccctccgcy ccaatcaagc taggcccggt taagcctttt gaataccttg 660

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<210> 5737

<211> 866

<212> DNA

<213> *Aspergillus oryzae*

<400> 5737

taatcccttg	ccttccttct	caacatgtca	gacaaagagg	ataaccctca	aatccctcag	60
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caggacgttg	agccaaagca	agagtctaac	tctgacgacg	ctgagcctaa	acaagaaccc	180
aagtccgacg	acgagtctaa	acaagacccc	cagcctgact	ctaagccaca	agaaaaagaa	240
ttcaagcccc	aagccgaacc	caagcaagag	cctcagtcag	aagctgagcc	cgaacctcaa	300
ccccagcctc	agaaagaaga	acctcggcgg	cgccccacgga	gacccccgcc	acagaagtac	360
caacaggact	cggacacaga	gaacatcgac	cgcggcgata	tggataaacac	cgctgttgag	420
aaqccctcgtc	gtcagcgccg	ctcagcgccg	cagcaacaag	acgggggtcc	cctcggcggc	480
ctcggcggtla	tagaccaagc	cgggtgaactc	gtacaaaaaa	cagccggcaa	tqccgtcaac	540
ggcgtgacca	acaccgctgg	caaagctgtg	ggaggcatcc	taggcggcaa	caaaggggaa	600
ggacaggacg	acagcggcgg	gcaaggacga	aacacttgcg	gttgcggggtg	gacctgaacc	660
tggttatgaa	agtgaactta	aaggctagaa	acaccgggat	ctaacccttg	ggttactcaa	720
cttaaaacgg	atgtgaatgg	cgcctataga	aaaaagattt	tatcccaccg	tggcgggtct	780
tggttaaaaa	ttttgaaacc	caggttggtc	ttcacctttc	tttggtggcg	gcctcctatg	840
gtaccttttt	cctggtgaga	aacgcg				866

<210> 5738

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5738

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ccaccggctg	ttcgatatac	ttcttgccca	tttggttcgc	ccagcgatcg	acatatccga	180
cccagcgcag	ctggcttggg	atactcacc	cagggccaaa	cccagaccgc	attctccgtt	240
cggtaaaccg	ctgcaaagca	tctccatct	tccatcctgc	atgtgtcatc	aagtagctgc	300
acgcgaccgt	tccactccgc	cccttaccag	ccttgacgtg	gaccacggca	actctcttcc	360
gtttctctctg	tgctccccc	tgagaatcct	tgccatctaa	accatggagc	cagttgtgca	420
tggaccccat	aatcgcgggg	ataagtgcga	atggcggggg	atgggtggcc	gggaatgggt	480
agtgatgtat	tctcccgtag	acagccttgt	cggggtagcc	tgccccctca	gcccgggaact	540
cgaagataca	ccagtcctca	ccatgtttgg	agtcaaggta	ttttactaga	tcgtcgagcg	600
ggtttctgta	ggcacgtttc	gggttagtag	ggggacg			637

<210> 5739

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5739

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aaacccctgc	tggccagcaa	acggactact	ctaaacatct	gggtgcttgcg	actlygcactc	180
cgtcccagga	gccttatctg	ccaggcgtgg	cggatagtga	cttctaccaa	ggaaccagtc	240
ttcattcggg	tcagtaaccg	aatgcaaaag	agttggcgga	gacgggagcc	aagtcgctcc	300
tagtagttgg	atctgccaat	actgctttcg	acgtttctcga	agactgccac	gncgctggtc	360
tcaagacaac	aatggctcgtt	agatctccaa	cctacattgt	cccggtcgag	tacctctgcg	420
aaaaccacag	tcttggtgac	tatgacatgg	gcgtcgagat	agctgatcga	ctcttctctga	480
cgtcgccgtc	atatgtagac	gcccagctcg	ctcgaggtct	gatgacccag	ttcgcagcac	540
aggagccgca	tcgtacgac	gctctcgcag	ccgccgggtt	cccagttatc	gacagtcggg	600
accagacat	ggcattgatg	cacaacttgc	tggagcgagc	gggtgggtcac	tacgtggatg	660
tgggtggtae	caagctgctg	gcggatggaa	aggcggggtg	aaag		704

<210> 5740
 <211> 1304
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1304)
 <223> n = A,T,C or G

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<400> 5740
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tattccatca tgggtaaaga cgacgaacct agaacctacc gctacaacga gaagccggtt      180
tacaccaact ccaatgggtg tccggtcttc gacctcagg ccgcgcagcg cgttggccgt      240
aaggccctt tgcatactca ggacttccac atgattgacc ttctggcaca ctttgaccga      300
gagagaattc cagagcgtgt cgttcatgcc aagggtgctg gcgcctatgg cgagttcgag      360
gtcactgatg acatcagcga catcactgtc atcgacatgc tcaagaccgt tggcaagaag      420
accaagtgtt tcaccggttt ctcgaccgtc ggtggcgaga agggttctcc cgacagcgct      480
cgtgatcccc gtgggtttcgc catcaagttc tacactgatg agggtaactg ggactgggtg      540
ttcaacaaca ctcccgtttt ctttctctgt gacctgcca agttccccat cttcatccac      600
accagaagc gtaaccccc aaccaacttg aaggatgcca ccatgttctg ggactacctc      660
tccactcacc acgagtcctg tcaccaggtc atgcactctt tcagcgatcg cggtaacccc      720
tactcttacc gtcacatgaa cggctactct ggccacacct acaagtggat caagccggac      780
ggcaccttca actacgtcca gatccacctg aagaccgatc agggcaacaa gaccatgaac      840
aacgaggagg ccggtcgttt ggctcttgag aaccccgact ggacacacca ggacctgttc      900
aacgccatcg agcgcggcga aaacccctcc tggaccgtct acgttcagac cctgagccct      960
gagcaggctg agaagttccg ctggaacgtc ttgatctca ccaaggtctg gccccaggcc      1020
gaggtgcacc tgcgtcgttt cggcaagttc accctcaaca agaaccacca gaactacttc      1080
gccgaggtcg agcaggcggc tttctctctt tgcacatgg tccctgggtg cgaggcctcc      1140
gccgatcccg tgcgtcagtc ccgtctcttc tccatccccc acacccaccg ncaccgtctt      1200
ggcggcaact acgaacagat ccccgtaaac tgtcccatgc gggccttcgc cccctggcag      1260
cgtgacggct acatgaacgt gcacggcaac tacggcgcca accc                                1304
  
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<210> 5741
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

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<400> 5741
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ccaccatact tgttaataca ttataattcc acacacttca agttaattac aatcgattaa      120
tcacaatgca tttccataaa atcacgctgg ggcgccacct ggccgccctc ctgagcctaa      180
cctatgcctt cccaaaccac tcatatctcc tccctctcac caccacccac qacaccagc      240
gacctacggg aaagtctttc tctcgtgtgt acaaaaaaca ctctcggggc tgcgtgtctg      300
tgcacccatg cgtatctgat gacgggtgtc cagacaatga caccaccaac tgcacgcggg      360
gcaaaaatca ccagcccaag atgcaaaact acctctccc ctctcggac ccgatctcca      420
ccccaaaact taacgtctcc aaatccgcca ccgcgcgaatg ggaaccagcg atgacgttct      480
cngtgcccca gggagctaag acctgcacgc tgaattgnng tctgcccggc gagcgcaact      540
tcaaggccgg caataatgag ctggtgaagc tctggcangg gataaaggtc gagggggaga      600
gtattggcgc ggccgaattt accaattggc ccggtgtgga gggctcccat ntgcataccg      660
tgg
  
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<210> 5742

<211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 5742
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 aacatctacc ggaagcatga gtccatcact gcttgagaaa caaccogtgg ttgatttgaa 180
 cgactacatg agagaaagtc aagaaccaac atccgtctct cttatcgtga gtgcgcgtca 240
 aggratgacg agaaagctat acaacaaagc cctaattgcg cccaatcaaa tactacacct 300
 ctccaggatac atcgaaggac cgtacagatc gcacgtctcc aacatgggca gctatgggtac 360
 cggcgtactc ttctctgctg gtgcaggcat caccacacct atgctgtacg tccgcgacct 420
 gatcatccgc gcaaccgaag gccgtgtagc caccgaaaaa gtctacctca tctgggtccgt 480
 gcgtagcaca gagcatctcg cctgggtaca agagtggatg gatgaaatcc tccgcctccc 540
 cggccgncgt gacatcttga caattaagct cttcgtttcg aaaccaaaga gcagccgtga 600
 gatagtttca cccagcgcca ctgtccaaat gttccccggg cgggtgtcgc ctcattgtct 660
 tctgg 665

<210> 5743
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5743
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 gttgggctgc ataactacaa ggccctttct ctgtttctta tttatacatc gatattctgc 120
 tgggttgatt tcgcggtggc atcgagttgg atctggaccg aggtactcaa tgatacgcg 180
 tatatggaca ccattttacc cgtcaatgtg gtctgttggt cgatacttgg agggattatt 240
 ggattgggtgc tgtcgggatt taccatctgg cacattagtc ttgccgtgcg taacctgacc 300
 acaatcgagt gtttggaaaa gacgcgctat gtatctccgt tgcggaaagc gctggatcgt 360
 cgccgctacg aaaacatact gggtaatggt cacaatggcc atgaaaacga cgacctgaa 420
 agtctcgggc atcggcttca ggactatggt aatcagatct tggacgcccc tgcgaatgcg 480
 atccccggag tcacacgacc ggaggaggga gaggagcccc ttctgccta ctctcaatcg 540
 ggtccccggg gcactccgcg ccaacaggcc ctgtcgcgat catatgcgga cttggagagg 600
 gcacgcgagc atgatcgga cccatagtat cttgaccaag aggataatga gaagatgcgg 660
 acgctttcga acacggaggg 680

<210> 5744
 <211> 550
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 5744
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 aaggtatagg tagccaacat gaagctgtac tatatctctg tcatactcat gacatgtctg 120
 agcaatgctc ttgctcaagg aatggacggc ctcccagact gcgcgaaaag ttgtgcaact 180
 ggctccattc ccaagcagtg ccagactatc gatgttgctt gtatctgcgg tgacaaaagc 240
 tttatcaata gtatatcttg ttgcgtcgcc aataagtgtc caaaggacca acaagatgcc 300
 gttctcaaat tcgcaagcca gctctgcagt ggccgcgggt taaatgacct ccccaagagt 360
 ggcagctgcg ccgagggagg tttgagcgct accgagacat cctccgattc ttctgtctcc 420

agcaagtcga	ctactgcgaa	gagcacggct	acggatgaac	cggtacaac	tacttcnggt	480
tctttctgac	agtctgcata	aacaaccgct	ttccaaatct	ggccacaaca	cttagactta	540
atccacctca						550

<210> 5745

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 5745

ccatacagcc	cgacctctag	actgtatagg	ttctttgata	cggtcatttt	accttctaata	60
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aacaccctac	tcaaccctca	aaaagagAAC	aaattaccca	caatcccaac	accctcaaaa	180
accccaaaat	ggccgacagc	atcgacatat	acaaccaata	ccctctgggc	ctcgacccaa	240
cctcgaaagc	catcaacctc	tcctctcaaa	ccacaacccc	agcctcagca	agcacagtaa	300
ccaccgaact	aaccgaacta	aacgcctctc	acgcgggact	catctccctc	gaccgcacca	360
acatcccccc	gcccccgctc	cccatcaaac	ccaagcgagc	cgcccaaatc	accaagctcc	420
gcgacagcgc	aaacaccggc	taccgcaaga	acaaccacgc	cgaggcagtc	cgactgtaca	480
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aggaactggc	gggggttattt	gcgaaccggc	gcaagcgtat	atggcgcaac	aagcgtggcc	600
ggagggttg	gtggatgcga	aatgtaatgt	tgaagtaaac	cgggggggaa	tgtgaagctt	660
gtggtaggct	gggaatgttt	gcct				684

<210> 5746

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5746

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ttagaatagt	tggtattaat	ggcgctcgtc	gttctctggc	cgatcttgat	cgctactcct	120
cttgccctgg	gctacactaa	ccctcgctcc	atttcaattc	ctgaagacta	cgatgtattg	180
caatatgttg	accgcttat	cggaagtccg	aacggagggg	acgtcttcgc	cggcgcgtca	240
cttccctatg	gcatggcgaa	ggctgtagcc	gacacagatt	ctgtgaacaa	ccagggcggc	300
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ggtcaaccgt	cgcttgggaa	cttccccatt	ttccccatg	cgagctgcaa	ggatgacgat	420
gtcaatggct	gtgtgtatcc	caagaaactg	cgcaagacgc	gctacgaccc	cggtctctgt	480
tctgcgagcc	cggtttattt	tgcattgacc	atggcatcng	gaattcaggt	agacatgact	540
gtatccnacc	atgcactcct	cttccgtttt	cggttcccag	cagatcgcca	aaccacaccc	600
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<210> 5747

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5747

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acctcccaag	catcccaactc	taaacctccc	cgatccgata	acacttgctg	tgtaccccca	180

ttaccgatgc	ctatcatctc	cggtggetgc	gcttaatttc	cagcctgtaa	ggtgtccttc	240
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ttgcgcgcct	gaggtggaaa	aaacgcacca	accatagcct	gccctctctg	gcctcaatct	360
tcaatcctcc	tgtcgtcgtg	cacgcccgcg	caatgtcctc	cccattgtcaa	gccctccgtc	420
tgcatacagaa	aataacctgg	ctcgaccctc	ggtgacacct	gttgogtctg	cccaaaatga	480
ttgctctgac	gggcctgaac	gccgtgatca	caagcagccg	cgccaccaacg	cccgggatca	540
gctcctccac	catggcatcc	anaaagctcc	ttctccttcc	cgtgctgaat	ccccaccgc	600
tcatcaatgg	gccaaccgtg	cggcgggctt	cgggtctaaaa	aggccacaac	cgtccccccac	660
gaatagctct	cccgcctc					678

<210> 5748

<211> 697

<212> DNA

<213> *Aspergillus oryzae*

<400> 5748

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cctcaacagg	tgccagatga	tccagctatt	ctcgggagca	tgtctcgtcc	aggaccgcgc	180
cctcaaggaa	ttccccctca	atcccagaca	ccacaacaat	cccattgatgc	cccgtccgac	240
gccgcctgta	tattcccctc	cacagtttca	gggaggcttc	gacactccct	atgggcaacg	300
atgttgactg	gacgtgaaat	gacataactg	gacaacgata	tcctgcgttg	acacccatag	360
taccgcgaca	tacggcgaga	tttgacatga	ccacagggtca	cctctatgca	tcacaagatg	420
tctcgatctt	gaggatcgtc	gttataatat	gaagtctact	tagataccgc	cacgtacaat	480
actgtgtact	aaccgacgac	gttgatgatg	atcataattt	accatattgat	tgtacatgca	540
tgacgtccgc	gaatttcaat	aaggaacgcg	attaatatct	acaacgttat	ttaaggccta	600
caatcatgct	acgttgtcta	acatcgctcc	acgatgtacc	atgcctgatt	atcgaagtac	660
gtcgtccatc	gacgatgctc	gtatgacaag	cgtaccc			697

<210> 5749

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<400> 5749

ttgacgttct	ggaggagctt	tttctctagt	tttatatttg	gtatactcct	tgcggttacc	60
atttaagccc	agtgcctgat	caattgcata	tcataatgtc	gaaccccgct	tatctcagtg	120
tcattggagt	tggagggtga	ggcacagcct	tcctgagcca	gcttgcccgt	ctccccaacg	180
cccccaagct	cgtgctcctc	gcccgtccca	ggcaaacctc	ccagtctccg	acaccggcct	240
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aatcgggtgc	tctctccgtc	gacgaaattg	cctgctacct	gtcctctgac	gccggtcggg	360
ccatcctcgt	cgacaacacc	aacgacctca	ccctcgctag	cttctacccc	gtgttgcttc	420
gnaagggcct	ctccattgac	gcccccaaca	aaaaagggtt	cgtctccgac	ctctccctgt	480
ggaaagacat	atgtcctgct	gccacaaagg	gcaacgcccc	tcgtgtacca	ttgagaagcc	540
ccggacgcgc	caagtattcc	ccttgtaact	aaaccttcgc	gaacctcata	tcactgggcg	600
agtagggcac	ttgcctaccg	aggtggattt	tttcggctac	acttgccctta	tcttatcgaa	660
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<210> 5750

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5750

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cggtggcagc	aaccgcgaat	ctctcctcgg	ccttatccat	tcaccctccc	gaacaagccc	120
taaaagacct	cgacctcaac	aacatagacg	taaaagataa	ggccgccttc	gacgattacc	180
tccttcaact	ctcaactattg	gacgcgcgat	ccgaaatata	aaacagtcgc	ctagacgaca	240
tcctccccc	gatctttgac	acagtagacg	cagaagacta	cgactacgac	tacttcgacg	300
atgaagacta	tgacgacgca	gaatacttcc	ccttggacat	caccgagctg	cctcccttct	360

cccaactaca	tccccacac	cacccgcct	cgcacaagac	catctacgag	ctcatcactg	420
aaagcaaata	caccaccatc	ctggcggaagc	ttatcaaaga	agacgaggaa	ctagtccatc	480
tcttcaactc	gacagaagca	aaccacactt	tcttcgcgcc	cacagacgac	gcattcaaga	540
agatcccgcg	ccatgacgac	cacaaaccgc	ccaaggagct	catccgcgcc	ttcatcaagt	600
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ctgaattgga	gagtcgagca	ttggggaga				688

<210> 5751
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 5751						
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attctatcac	aagtcggggc	aagggttaac	cccaccatgg	gaccggaatg	gcccgcaggt	180
cggaaatggc	aaagccatag	tgatcatcgg	gggcgcctca	tctgtggggc	aatatgctat	240
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cgagtggctt	aagaagctag	gcgcacatgt	tgtcctggac	cgagcccctt	cgagcccggg	360
ggatttcaag	gctgcgatcg	gcgggttgcc	tctggaattc	gtgttcgatg	ctatctcggt	420
gaaagagacg	cangcattgg	gtgtgggcat	tgtccaggct	accaaagggc	gccgatagat	480
cgtgacagtc	caggggtgcg	actcggatgc	tattgcactt	ggtcaatcga	aggagcccga	540
aggtagcggg	taaacaggtc	ttgggaatgg	ggagctcccc	agcattacgt	tatcttagcg	600
aaactctggt	gaaacatctc	ggagggtgaag	atggttatat	cgggaaaaac	gttttgtttc	660
taaccgg						687

<210> 5752
 <211> 1253
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1253)
 <223> n = A,T,C or G

<400> 5752						
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cacgtcgata	tctgaccaat	taaaataaaag	aaagcaaaaa	tgcgtttctc	catcttcggg	180
gctctcactg	ccctcgcggc	tctggctact	gcccacaccg	accctgacta	cagccagggt	240
ccctactggca	accccatctc	cactcccggg	ctgaacgagg	ccgtgcccgt	tggcaagccc	300
taagccatca	cctgggggtc	taccaccgag	ggcaccgtct	ctctgggtct	tctccgtggc	360
gagagcacga	acatgcagac	tctcgagact	attgcccagc	agatccccc	caacggcaag	420
tcgaatgga	ctcccagcac	cagccttgag	gacgatgtna	cccactacqa	tctcctcctg	480
gtcgtcgagg	gaactgggca	gtaccagtaa	tccacccagt	tgggtatctc	caacccctaac	540
gggcgcttct	tcttcttctt	ctgctgtctc	tgagggtccc	acctcgaccc	ctggcaaccc	600
cgagacttct	tcttcccgca	ctctttaagt	gacttaactg	atcaaccaata	ctatctgccc	660
cgagaactgag	acagctcccc	ctactgcgcg	tcttaccgct	tccaccaggg	ctcctgtcat	720
ccctctctct	gctcagttct	actcctgggg	cactggcggt	gttagcgtcc	ctgtcgtctc	780
tcttaccac	accccttacc	tcccaccacc	cctgcgcagc	tcctctgtct	ctctctggac	840
tgcctccagc	accacccctg	gtgttctctt	gttcaccagc	ggtgctgacc	gcaacgccat	900
cagcttcggg	gctgcgcgcg	ctgggtgttt	tgtctgtctc	gctttctaa	cgccctggcg	960
tcttagacca	gccagctctt	gtacacaaga	attcctatga	attttcatte	tccgaaggct	1020
tgccttcag	cagatagtaa	tatcatcttt	tgtttacacc	tcacctaggt	gtgtttttatc	1080

ggaccataaa	cacgccccac	tactcgagtc	gatggcttga	gctcacttga	taccttctct	1140
tcatgtaatg	aactttctcat	gtattctttc	catggacatg	atntagcatt	ttctttttatc	1200
taatggcata	tgtttttcgaa	ananaaaaann	nnnnnnnnnaaa	aaaaaaaatt	cct	1253

<210> 5753
 <211> 593
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5753	
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taatcccccc	ttataaattg
aagggttttc	ccctcccaaa
cttaaaaccc	tcaggcccg
aaaaatccca	cctctatattc
ttttccccc	ccaaaccctt
ccccccaaaa	aaaagcccat
tcggaaaggg	cccaactact
gggggggggg	cgcccaaaaa
tttccacca	cacacccttc
tttccctttt	caaaagtttt
aaaactttta	acaaaatgct
cctccttttt	ttttccccc
gtccttaaat	tcaaacctcc
gttcatttta	aatttttaaaa
ggcctcccc	gcgggtccctt
ccttggggta	tttctaacc
aatacccttc	ttgaaagaat
gttaaaaaaa	ttattttaacc
taaaaaaatt	aaaatatttt
tattataaca	acg

<210> 5754
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> n = A,T,C or G

<400> 5754	
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caatagcagt	tgcagtgggt
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tggaggagta	cggtttcaat
gtgctttcga	gccccaggat
gtcgcaaaagc	atccactaat
caagaagtgc	ccctggctat
ccgagggccc	ggcaacgggg
cttccaccaa	caaccgaacc
tattctgcgc	ccaaccgcgc
accgggcctt	ttttttgatg
gttgtgtgat	ggccct
gngtaggata	tgggctttca
cttcgtagc	aatcattatt
aagcagcaga	agaggaacga
acccaactct	tccacctata
gttatcgggg	atgggaggtg
gtgctgggg	atgggggacc
tggactggcc	atgtccgagg
ctacccccag	cgatggtact
cgatcgggg	tctaagagct
cgtctaacac	tttcttcgca
acatgtttgt	taccattct
agccccccc	acttggggcg

<210> 5755
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 5755	
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cttcttggcc	tacactactg
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taccttttc	ttgaaacaat
gaccaacaat	ccaatcaatt
ccattacatg	tttgatacag
gaggcactcg	atggacgctg
gtagcattaa	taccgcttcc

tatgctgata	tgggtttctca	agcggattca	acccgacgtt	gctggattac	tgggcacaca	300
tcaactgatg	gcaagcattg	tatcaaaata	catggcatcc	aaacccgaag	aggatcaaga	360
cgaactgata	gcaacgaagg	ctgtcaagcc	ccgtacctta	tttcacgcga	tcgaagcgag	420
ctctttacca	cctcacgaga	aagttccac	tcgtctggcg	caggaaggtc	taaccgtcct	480
at ttgcagg	ggcgagacag	gttcacgtct	gcttgccac	acaatatacc	atttatttga	540
agaatcccg	gattctcgag	aaggtttaga	aggaaatcct	tgacgctgcc	agagactcca	600
accacttgct	gacttgaaag	ctcttgaggc	tctcccttgc	ttaactgcct	tgtnccaa	658

<210> 5756

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 5756

ttctcagtgg	tgtttcactt	ttcctggaat	catgtcgcgc	aaagacgaca	ctgtcacccgt	60
caacqttgac	gatttcaacta	gaacccgcga	tagcgtgata	gtcagtcctcg	cgcaactcca	120
ggcggtgtgt	tccaagctgt	cgagagctta	tatcaaacat	gcgaacaccg	tactaaaccg	180
cggcccgacg	gtcgacatcg	ggaacatcgc	cagcatcacc	aactcgtctt	atgaaagtgg	240
cttgctgggg	gcccctggcg	gtggtgctcg	cgctactagc	cccggcgcaa	agtcgcgaggt	300
gggcgagaag	aagaagcgca	agcgcgctcc	cccggacccc	aatgcgcccc	agcgcgcctt	360
gactcctttt	tttctttaca	tgcagcacia	ccgcaccaag	atcagcgagg	aaatgggtcc	420
cagtgcctaag	cccaatgatg	tctctgacga	gggcacccgt	cgctggggccg	agatgcccgga	480
ggatgagaag	gagcactgga	agaaaatgta	tgcggacaac	ctcgcaatct	acaaggagaa	540
gatggcgggc	tacaatgctg	gtcttccctta	cactggtgaa	gcgaaagctg	ccaaccagct	600
tgaaaaggaa	ggcggacccg	gccggaacca	acccctgctg	gaagagtccg	aggaggaggg	660
agaaaatgga	acatgaggaa	gaaggaggtg	gacccctt			698

<210> 5757

<211> 564

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 5757

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catacaatat	atcttaatat	gacggatatg	actatagatg	gatgatgcaa	cgtcagacgc	120
agcgatcgtc	atcaattcgt	accacagtgg	atgattctgg	tccacctcgg	gcgaagcggc	180
cccgtgctgc	tcaagcctgc	gacagatgca	gactaaagaa	atacaaatgc	gatgaatcat	240
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agcgtgaaaa	tgaccgctca	gccagttatg	tttccgactt	agayaagaaa	ylagacgagc	360
tttccgcaaa	gctccgggtg	gctgaatctg	aaattgcttc	ccaacgctct	ccacagtctc	420
agagagaagc	gacagccctt	gaaaccaggc	agatgcccc	ttccattata	aaaagcgaac	480
ccgggttcca	tgctcggcca	tggtctgacc	ccaagagnga	gataccngnt	catacgacaa	540
tcatgatgag	gccggggact	ctgt				564

<210> 5758

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5758

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cacaatatat	ccattttctcc	ttcctgcca	tctttactcc	tgtctccagcg	gcatcatgtc	180
tgacacgcct	gaagggtattg	ttgaatacgg	ctacgacaat	attacagaat	ggtatctgca	240
gtgggtgaag	agccagaagt	caccacgaga	aagatacacc	aagatgctcc	tagacaagct	300
gcaaccttca	ccctctattc	tagagcttgg	ttgcggggccc	ggagtctcta	ttctaagaat	360
gcttcttgat	caaggcgctc	aagtggctgc	caatgatctc	tcacccaagc	agatcgagtt	420
agccaaggcc	cgttgcccgg	aggccaagct	ggttacgggc	agcatgacca	ccctcacttt	480
cgagcctatg	agcttccatg	gtgtcattag	cttctatgca	ctgttccacc	ttccacgggc	540
gcagctcaag	gccatgctca	ctacgatcta	tgattgggtg	aagcccggng	gtgtcttcgt	600
ctttaatctt	gcaactgtcg	atgaagaaga	aatccatggc	gaattcctag	gatatgggat	660
gttctggagc	agctatagtg	tggatcagaa	ccgagcaatg	ttaacagaaa	tcggatttn	719

<210> 5759

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5759

gtgttcatca	aattacatac	tgtaacggg	gggagcctca	aaatcttcga	gcctctggca	60
ccaacgaagc	atgaggaagc	acttctatgc	tatgagtacg	gtcgaaccgg	actgggagcc	120
aaagtctacg	gattcttcaa	gacacaggat	ggcatactcg	ggagaatcga	tgagttcctg	180
gatgcacgta	acttggagcc	ggaggatggt	gaggattcgg	ttatcagagc	ggatgttgct	240
agaggactgg	caatgtttca	tgtcttgac	acgtcactgg	agaaaaaggc	ggtggaatcg	300
tactatgaag	ctgttatcaa	tggactcggg	aattactaca	tgatggacaa	gttgaaagca	360
cttgggaagg	aaggaggtgt	cagtatcgac	aaactagtgt	actatgactt	tgggagaagg	420
ctgagaaatg	tgggtggataa	gctggaatcc	ataagaagaa	agaccgggtg	gtgtattcat	480
gacattcagt	ttatgaacgt	catggggaaa	aataaccgga	aggaaggaga	gaacaaaggt	540
accctgaatg	actttgagtt	cctgatgcc	aactaccag	cctttggcat	cgggtggacac	600
tttattgcaa	aatttgggtca	atgggttgac	caggagaagc	cggataacaa	attgctggga	660
aatattccta	agaaggaaag	agacactttt	g			691

<210> 5760

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<400> 5760

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tgggatactc	tagagcggcc	ggcgactact	gaggctgcac	acccgggaat	gatcatcctt	120
gggctggcca	tacgggccc	tgcccaacac	tcgctgctca	tacacattcc	cgctactcgc	180
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gacgctagga	cctggtgggc	atacgtggat	ccttcacct	ggggtgaaag	cagaactgaa	360
gacaggaagg	ctgtacggac	atgctctgaa	cgtataagat	tcggctcggc	gctcgatgca	420
tcgattgagt	gacgtgcatt	acgagagcac	atacagata	gaccgacgat	taacctggga	480
gtgacacaa	catgtcgaat	cgatattcag	agcactccag	ccattcggct	gctgtctgca	540
gcgggtggcc	agcgcgccag	gcagggtggc	aggagtcaac	gacgacgtag	ctgaatgcgt	600
cgcatgcgca	ctatgcgacg	gcacaacgct	accaactcga	cgcgggaacc	tggctgcggc	660
gtaatacatt	gattactgga	gggcaattgt	tcgataaag	ccataccgga	ct	712

<210> 5761

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<400> 5761

cggactggat	caggctttca	tatgtgcagc	agcaatgac	cccaagatca	agtcctggac	60
tacaatatct	ctctacgatg	gcacttattc	taagtctcgg	ccatccaagt	cactgggtgc	120
ctcaaccata	atagatctgg	aagccctgct	tggatacaca	ttttctgata	aaagtctggc	180

gatagaatca	atgacacacc	catcctgtgt	eggactctac	gggacagcat	cttatcgacg	240
tctatccttt	cttggggccg	gcatacatga	attggtagtt	gtcagggtact	tacataggca	300
gaagagcttt	accagctcca	aaaggctgca	atctctgaaa	tccgctgtga	ccaacaatat	360
gttccttgca	ttcctgtgtc	tcacgttcca	ttggggagaag	caacacgata	ttattgaggt	420
cgatagtatg	ggcgctccaa	gcgtcattca	gacccgtggc	cgagttagcg	tttatcattt	480
tctacgctca	cagagcgact	ctctctcaga	caagggtatcc	agtctgggtgg	aagatctcac	540
cagtcagctc	cacgtcatca	agagggtatct	atgggaaaaac	ggaatatatc	cctgggcacg	600
actaagtgtc	tttcggggtc	tcaaagtatt	ctctga			636

<210> 5762

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<400> 5762

caccacccaat	ccaccccaaaa	tggcgcattct	ctgcctccac	ggccgggggca	ccagcgccca	60
aattcttcaaa	tctcaaaacca	ctctcttccg	ctcccgcttc	aacgaacttc	ccataacctt	120
cgacttcctc	gacgccccct	accccaccac	ccccgcctca	ggaatcgacc	tcttctacga	180
acccccctac	tacacctttc	ggccccgacg	ctccccgacc	tcccatcaaa	acgcgcgaac	240
ctggctctct	aaccacatcg	ccaaaaacgg	tccctacgac	gccgtctctg	gcttctccca	300
aggctgtctc	ctagcagacc	taacctctct	cttctacgcc	catgaatcgc	ccctcacccc	360
tccacctttc	aaagcagcca	tcttcattctg	cggcgggtgca	ccgctccccc	tctcgaaga	420
actgggggat	accatcactc	cagaaatgag	aaacccgggat	acagaagcac	ggaagaaatt	480
atccattcaa	gcgcattttg	ctgcgaattt	gggaaaaggg	gcggacaaag	tggtaggggg	540
ggtgcataata	tctccaacca	tcacgatatg	ataactcctc	gatgacatcg	cgaaaataat	600
ggcgacagcg	actatccttt	attataccca	ttacaatatc	gacctgttg	tccacgcccc	660
tcttcagggc	gataccttatg	atg				683

<210> 5763

<211> 1306

<212> DNA

<213> *Aspergillus oryzae*

<400> 5763

gccattact	ataccagtca	gatcatggag	atcctactcc	gagagtcttc	ttccccagat	60
gaggagatga	agaagggttg	tcttaaaagta	gtgtctcagt	gcgccagcac	tgatgggtgtg	120
acagccggct	acctgaaaga	gcattgtttg	accgacttct	ttaagagctt	ctgggtaagg	180
cgcattggcc	ttgacaggag	gaactacgcg	caagtgtgtg	ataccactgt	cgaccttgga	240
caaaagggtg	gcgtcgggtg	gatactcgaa	cgctgtctca	acaacctgaa	agacgagagc	300
gagccttacc	ggaagatgac	ggtggaaaacc	gttgagaaaac	tcattgcagc	cctgggagcg	360
gcagatatatt	ccgagagggt	ggaggagaga	ctcatcgatg	gtgttctcta	cgccttccag	420
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aacgataaaa	actgggtttg	gaacgccatg	tactttttgg	tccaataact	cggccagatg	1200
gcttaaaaact	acttcatgac	cgtaccccc	tttttaagat	ggctttatat	gttgaaaaca	1260
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<210> 5764

<211> 668

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 5764

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cccgctcccc	agtcgggttc	aggtccagac	tcagaagaac	aatcaggctc	cgacgaagag	180
gatgaggatg	aggatgagga	aaagcaaggg	gaagaggaag	agaaaagacag	acccacagac	240
gaagaaagcc	aaaataaaga	tgccgaccaa	cacgaagaaa	aggaaaagga	aatgggtccag	300
gaaccagaaa	ctcaaaaaga	cgatatagtc	ccagaaaaccg	aagaggagcg	agagcaagaa	360
accacaaccc	cagcccaatc	caacccacca	ccaacagaaa	ccctttccaa	acccaacctt	420
gncgaagaag	aaactgagtc	cgacgcqat	qaagaatcag	acggagaaga	agaagaatca	480
gacaatgaat	ccgacaaaaga	aaaccgctct	ctcccgaaac	cagcctcgac	agcaaaaagcc	540
aacgttcttc	gtcgacaaag	tctcaaatac	cccttattcc	aaccgaaccc	gccttcagcc	600
agcaacaac	aaacctctct	taattaaccc	ccaacgggtt	ccgaccaacc	ggaataacct	660
caaatecn						668

<210> 5765

<211> 691

<212> DNA

<213> Aspergillus oryzae

<400> 5765

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aacaactgcc	ataacaatta	ccataacaac	caccaccaca	acacaaccat	ccaaaatgct	180
cttcaccacc	atcctcgccct	ctactctttg	cctcagcatg	ggcgtctccg	cagcaccag	240
accgctccc	cctgcgcaca	cgcggtacgt	gcagctccgc	ctctggggcg	aaccagctg	300
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cttcaacaac	aaccaccatg	tcaagtctgt	gcgcttcgaa	gccaagtatt	ctgacacctg	420
taccgtggct	ctttacgatg	acgtcacctg	cagctccagt	ccccacgaaa	tccagcttga	480
gacttgctct	tccagtgatg	cgcagtatcg	cagctatctg	gtccagtgcc	ccgggtgttc	540
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atgaacttga	cgatgatttg	ctgaagggtg	agtctggaga	gtggttatga	tttattggat	660
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<210> 5766

<211> 828

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 5766

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cttctcattc	ctctcgggtc	ccctcggttg	gtctctggac	cagatatcta	gggcaaacag	120
ccactcgcaa	tacgggagtt	aagccacccg	ccctaaaaca	accgcbaggc	cgcctcgact	180
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gcggcggttg	cggatctctg	ggcggttgga	tttgccgcgg	tatcatggct	ggcctggcct	540

gctgttggtg	tctggatatt	ctgtttttaga	gattgcgccct	ttgccttcgt	tttatacgct	600
gcttcgggtt	tgatcgtggt	ccttttcgtt	tttggcgccg	gaatgggaat	tggtttcgtt	660
catgggtgtg	cggagtgtt	tttcttgctt	ggtgagcttt	gaataggtgt	ctgttgcatt	720
tgatgttcgg	tggttaatcg	atcactgggt	ggtatcggtt	tcgngatata	ttgcttatgc	780
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<210> 5767

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 5767

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gaactggact	ctcaacaggg	aatatcgtgt	tgagctggac	ccatgcaagg	ttaacgcaca	180
agctggaatc	tggttacaag	gtgaccacga	gcaaacgcat	gggctgtgtg	actgtatatt	240
gtgcatctta	ccgacacgca	ggggtgaaat	ggtgaactcg	atttttggag	gcgagttagt	300
gggaactact	gtgcgggaca	ccactcacat	gcgcgctatg	ctctaaagga	agacgtggga	360
ttcagcaatg	ggaacgtggg	catggncttc	ctgagctgcg	atttattgag	cttaacgtat	420
cttgagtcgg	cttctttttg	gcgttttagg	cgctaaagaa	gattattctc	taacgaaagg	480
acgagccgag	gatcgacagc	aggggcacaaa	tgagagagca	agcctgaaaa	agaaaaagaa	540
aagggaaaaa	gaaaaaaagg	cggggaagaaa	aggggaaccac	accagagcaa	ttattacact	600
ggtatacgat	gtttttattt	ttggatacct	gttctattat	tcatagacta	tatattacgg	660
agtactctat	aatttttttt	atgcttggtt	gactatgtaa	aa		702

<210> 5768

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5768

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cgatcgccac	tcctcattat	actctcggct	ccggatcgcc	atctcttctc	cgcacatcca	180
gctatcctac	accttcgcaa	ccgcaccgta	ctttctcgca	cagctcaaca	acgatggccg	240
cagcaccgaa	atttgcccga	ggcatgaaca	aaggccaatt	gcaaccggag	ctgaactcgt	300
tactggaaca	aggggtggcg	ctggatgagg	atggaatggg	cgtgaagaag	acatactact	360
tcaaaaacata	tttcaaggcg	gtgagcttcg	tcaacgtcgt	cgcacgcgaa	agtgcagcca	420
agaaacacca	cccaaccatc	acagtcagaa	tcggctccgt	cgacatccac	tggaaccacg	480
accaaccacg	cggctctaacc	gataaagatc	tgacaatggc	gcaacactgc	gacgaggcgg	540
cagagttaat	gggcgctgtg	gaaaaggatc	agggcaagaa	atgcggtcct	tcttccccga	600
ctccctcttc	gccgggggta	tagtcgcaaa	cagaatatat	aaaataatca	atcgggtata	660
tgattatcct	gccgtgcat					679

<210> 5769

<211> 1092

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1092)

<223> n = A,T,C or G

<400> 5769

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gcgccttcgc	cgaagggtctc	ggatacagtg	gtggagccat	acaacgccac	attgtctgtt	180
catcagctgg	tggagcattc	cgacgagaca	ttctgcatcg	ataacgaggc	cctctacgac	240
atctgcattg	gcacctgaa	actggcttct	ccttccctatg	gtgaccttaa	ccacctggtc	300
tcggcagtta	tgtctgggtg	taccgtcagt	cttcgatctc	ctgggtcaact	caattccgac	360
ctacgaaaac	tggctgtgaa	catggtgccc	ttcccccgcc	ttcattttctt	catgggtgggc	420
tttgcaccac	tgaccagccg	aggggccccat	tcattccggc	cagtctccgt	gcctgaattg	480
acccaacaga	tgttcgatcc	cagaaacatg	atggctgctg	ctaatttcca	caacggccgc	540
tttttgactt	gctccgcgat	cttccgtgga	aaagtctcga	cgaaggaggt	cgaagatcaa	600
atgcgtggcg	tccagactaa	gaacagcgga	tacttcggtg	aatggatccc	caacaatata	660
caaaccacgg	tctgtccgtg	gcctcccagg	ggcctgaaga	tggcttcaac	cttcacgggt	720
aattcgacat	ccatccagga	attgttccag	cgtatcggca	atcagttctc	tagcatgttc	780
cgtcgcaagg	cattcttgcg	ctggtagacc	agcgagggtg	tggacgagat	ggaattcacg	840
gaagcggaaa	gcaacatgaa	cgatttggtg	tgggaatacc	agcaatacca	agaagcctct	900
atcgatgatg	aggaggacat	tggagagtat	ggtagaggag	aqatcgagga	gcagtagtta	960
tctcgtcact	attcggggaa	cgtctgggaa	ttgcaagacc	ccccctttaa	cttattacat	1020
acttttgtaa	tgatagtgcg	naagttgctg	cccccccccc	cccccccccc	cccccccccc	1080
naaaattcct	tg					1092

<210> 5770

<211> 1396

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1396)

<223> n = A,T,C or G

<400> 5770

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caagggtcatg	aagttctcca	tctctcccg	cgtgcagcgt	tccgttgagg	tcaagaacgc	120
cgcagatctt	cccaagcttg	tgcaggggtc	taagcgtctg	tccaagtccg	atccttgtgt	180
tctgaccatg	attaacgagt	ctggagagca	cgttggtgct	ggtgctgggtg	agttgcatct	240
tgagatttgc	ttgaaggatc	tgcaggaaga	tcacgccggg	gttccccctc	agatttccga	300
ccctgttgtc	tcttaccgtg	agtcgctctc	tggcaagtcg	agcatgactg	ctctctccaa	360
gtctcccaac	aagcacaacc	gtctctatgt	cactgccgag	ccaattgagg	aagaatgtgc	420
tcttgccatt	gaggccggca	agatcaaccc	cgtgaacgat	ttcaagactc	gtgcccgctc	480
catggctgat	gactatggct	gggatgtcac	cgatgcccg	aagatctgga	ccttcgggtc	540
cgacaccacc	ggtgccaaat	tgttggttga	ccagaccaag	gccgtccagt	accttaacga	600
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gcttgagagc	cccagtcctc	tggagcctat	cttcaatggt	gaaatccagg	ttaacgagaa	840
cgtatgggtg	ggtatctacg	gtgtccttac	ccgtcgtcgt	ggtcacgttt	acgccgagga	900
gcagagaccc	ggtaccccta	tctacaccat	caaagcctac	ctccctgtca	acgagtcatt	960
cgggtttcacc	ggcgacctcc	gcgcggccac	cgggtggtcag	gccttccctc	agtcctgtct	1020
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ggctgattac	gagatgctga	agcgcaagg	tctcaaggaa	gtggttctctg	gatacgaqaa	1140
ctactacgac	aagctgtaaa	ctcgttgatt	gcaatactat	tcttatgaga	tgcaggaaca	1200
caatacagtg	tctatgctan	ggccgacacc	cgaaaattca	aaataaaagt	caacagctga	1260
atgtcgtatg	tggatctctg	accactagaa	gtagaatcca	agagtgcata	tgctattgct	1320
tttcacatc	tataggtaag	gttacgaaat	gccaaagttt	ttacatgggt	tcaaaaaaaa	1380
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<210> 5771

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

<400> 5771
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tccgccctga ggacgtactc ctccccgatg tccatgtcga gatacctcac ccccaaaacc 180
tcaacaacaa cacctttcag taccctctcc tcaccactcc gccccatgac caacttcacc 240
accaccatcc gtccccaact ccagacccta agcaacacac aacttccttc cgcagccacg 300
ccctccgccc aacagaccgg ctctttcacc gccagtgtt ccttgccgg taagcgcgcg 360
acctacaatc cctcgcgacg ggtgcagaaa cggcgtcacg gattcttggc ccgggtgcgg 420
tcgcgtggag gacggatgat ctttttgcgg agggaggcga agggccgcaa gtctgtgagt 480
tqqttagacgg tctatggggc gtgtctgtta tctgtgtctg aacggatgqg aatgccttga 540
ttgtcgggtg ggtatatacc gtccgacaaac atgggggggtt tgatgatggg tllgttgagc 600
tatttggttt tgggtctttg gtcgncattt gagggcttga ggc 643

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<210> 5772
<211> 684
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(684)
<223> n = A,T,C or G

<400> 5772
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cagttgagga cgactgacga cttgaacgac cgcacgattt ttcttttcaa ctacactatt 180
taccatattc ttcactgttt ggggtttcat cgacataatc aatcgaccgt ataccctcgt 240
ccgacaaaac ccgagtgaac aattccccca tgcccgcgcg tgcaatggac gccctgggag 300
ccttctccca cctcaccgat aatttaccca catggataaa ccgtatgtct gatctggcta 360
cccacaccgc cgcctaaacat gccgaatatg ccgaggcgta caagaagctc gccgtcacac 420
cggggaaaac cgtcgtcgcg aagaacagct cgtgtgctc catccggacc gacgagttgc 480
ggaaatgccgt cacacnaatc gccgcccccg cagaagcacc gacccaaaga gaccccgaga 540
ccccccaccc gcctcccagg acctgtcgac cccggaccct aaccgcgcaa agcgtggcac 600
ggacgaagcc ccgtccttag cctncgagga gacccccctt gtcatacgcg atacaaacta 660
atcatccatt acgaccggga gacn 684

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<210> 5773
<211> 303
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 5773
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taggcacaaa taagactgac agttatttcc ctatgacct cacagtgtca ccctcgtcgg 120
agcaatctgc cgcactatg aacacactga agtacgggaa ccttgtaggt gtageccggg 180
gaaagaagaa gaggggtgac cggtcgaaag tgaaccagtg aggacaaaaa cctgcatccg 240
gaccatctgg aatacagcga aggggtgcact attagaacca ttccatttgc gannaanaaa 300
ann 303

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<210> 5774
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5774
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 ctaaaccaac tcaaaatgtc cgtcgacgcc ttcttcgaaa acctgagctt cgcccagctc 120
 ggcgccaagt tctccgacct ccagtcggaa gcctccaaaa tcaacgtcga tctttctcaag 180
 gaggtctgta aggcgcgtct cgcgcggcgt gacgacgcca aggtcgatgg cctctcggct 240
 gatgcctga aggcgcgttt cgagttcgcg actaagctgg tcaagaagct gacaaaggag 300
 cctggtcaga ctgagatgct cactttctac aagtacttca aacaggccag aaacgagacc 360
 gttgctgagg ccggcatggt cgacttcgtc ggcaaggcca agtacaacgc ctggaaggag 420
 atcaagggca tcagcgccca gaaggccag gctttgtaca tccaggcggg taacgaagcc 480
 atcaaacagt acggcaccag cgaataagtg ttgggcttga tttgtgttga actaaggagg 540
 aatattgaact tggattttat gggcttgggt acgagttacg aatgatgcta gattactggc 600
 ttttgetgtc atctacatgc ttctagtga tatacagatt ttgcttcatt tgaaaa 656

<210> 5775
 <211> 579
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (579)
 <223> n = A,T,C or G

<400> 5775
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 taaacttggc caaaaaggaa cctgttctta aacttggtgc caaaagaacc acaacggccg 180
 ttaacccaaa aaagggttact gcaaccatta ctagaaaggc taaaaaggcc aaaaaggcca 240
 aaaagcttan aacaaccacc agaagaacgt ggcttattac tactaccaga aaagagtgtc 300
 ggcaacttaa cgcaaacacg cgaaaccttc gcaaagtatc cattagtgtc cccgccgttg 360
 tcaaccaacc caaggttacc ggcaacacaa actctggctg tgagaccaag acaagggaca 420
 accctgctga aagggccacc aagatgctac caagagcgct ctacgcaatg tctcgacaaa 480
 catatttttg gagcgacatt tccgctttct aaaccgggnt tggngctttt ttaggttgaa 540
 aattttcccc gggttttaaa tttaaaacac aaaaaaac 579

<210> 5776
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (658)
 <223> n = A,T,C or G

<400> 5776
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 cctctctcgc agcttttgca agaggaattt gatcctgctg ctcggcagga ccaacacagc 120
 tqatgaagac atcgattccc tcgagtgcct ctgtaagaga ttcttcaggg ccttttagat 180
 cgcattctgg gatthgcag ccgcgatctt ggaagggaaa gatggcgggc ttctgtaccc 240
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 tcgaaccacc agtttcaccc gctgctccga caagcaaaac ctttgttttc gacatggcgt 360
 ttcgacgggt ggcgagatca gttacgagaa aaaagtgtg gttgtgcgat aattgggttg 420
 gggggaaaact cgaatgattt gggaagtgg agaaatcaaa cggagtgcga anatgagcan 480

gggattttcc	gccgactggg	ctctttat	ctgtttcaag	attgcctctc	tcccacgcag	540
gattganggt	cagtcgacgt	attagggcca	gcgtccacac	actaccacac	tgctttatca	600
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<210> 5777
 <211> 1083
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5777						
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ccaggtcccc	cgctccggc	tgccccggag	gggtggaagg	ctcagtttga	tgatcggtat	180
aagcaatggg	tctttgtaaa	tctgcgtact	ggcaagtccc	aatgggaatc	ccctcaagga	240
ccggcacaag	aggagctgca	tgcacccgcc	tagcgaagca	ccctccctcat	acgaagagtc	300
cgggcctggg	aaccgcgtcg	cagtagatgg	tgcaaacgag	aagaaaaacc	tggtttctaa	360
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tgcccagtta	caggctgagg	aagatgcccc	cgctcgtgac	agtagaagcc	cgagacagca	480
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aggctttctg	agcaagttga	tgggaaaatc	atcaagtggg	agtgcctgcg	atcatggaag	660
gccatcttgc	cagccgtcac	aaccatacgg	gtatcctcca	ggcggatacg	gtggttatcc	720
tcaacaaccc	acagggtatg	gctatccttc	ctatccagcc	caacctgggt	attatcctac	780
agcagcacia	ccagtgcgac	gtcatggtgg	cggtatggga	actgcggggc	ctgcagcttt	840
aggtgtaggt	ggtggtttga	tcgggggtgc	tttgttgcca	gaagctttgg	acgaccatca	900
tgactatgat	gattacggct	caggcgggta	tgatgacttt	gacggtgggc	acttcggcga	960
tttttaatgt	taccacgttt	ctgcatgata	gccccgtgtg	aactatccgt	cagcgagttc	1020
ttatgtttcg	gcctcttccc	cccttctctg	attagttccc	ccccggggcc	cccaactcta	1080
tta						1083

<210> 5778
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5778						
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ctctcggttg	aagtctccgg	agtatccgtc	agtcatagag	tcacgagatt	gaatcgcttt	180
gtctttcgct	tcatcgcttc	cggaaccttc	gacgagact	acttggtatt	atttcattcc	240
gcatcaccgc	cccaccatgc	gagtcctcag	tctttcgttc	ctcttatact	ctttgtccct	300
gttagccgct	gtctccggtc	agagcgtagc	ggctaagggc	ggagatgtcg	ctacctctaa	360
ggatgcgcga	cctaccaaga	ctgatgctac	cacaacatcc	acatcgtcta	catcatcaac	420
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ganaacta						668

<210> 5779
 <211> 662
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5779

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ctgagcacca	gggaagtcca	ctttttgaag	tgcaccgtag	acgccttgat	ccatgcgggt	180
gcgaatggac	attgcctaaa	caactacttc	tgcgtgcgga	tgcccaatct	aggatcaact	240
cgcttcctca	ccgagctggc	gctctcgaga	ggcggtcccc	tacactacgt	ttcttctaac	300
cggttgacgt	tactctccgg	cgatgtcgcg	ctccctccgg	ggccaatgtc	ggcattcccc	360
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ggagaacggt	gccgatgcga	cgggggttaga	tgtgtgcata	caccgacctt	gtgcgctgac	480
aggcgaccaa	gcgcccagcg	aggatgcctt	gaatgcgata	ctgcggtttt	ctgtgctgat	540
gaaagtcgta	ccacagtttc	ccaatgtaag	aggattcttt	gattttgaaa	aggtgggagt	600
tgtgggaacc	aacattgtga	agaatgctt	tgcaattgt	gcaggtaaac	caggggtcat	660
gt						662

<210> 5780

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 5780

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aactaccctg	gttttctcca	acctaaagca	cggttggtct	atgagctctc	tgatgcggag	120
ctcggcgagc	ttctacgtcc	ctgcaagtgc	aaaggatctt	cacgatatgt	ccacgagggg	180
tgtctccaat	catggcgaca	tgcggaccgc	ggctatagca	agagaaattt	ttggcattgc	240
ccaacttgtg	gctttcaata	tggctagaa	cgtctcacat	gggcgcgttg	gatcagtagt	300
acttccgcgc	agctaggatt	gactttgttg	atattgatgt	tactgtttt	tatgcttggt	360
tttgttgctg	acccaataat	taacctgtac	atcaacccta	tggaaaccat	catctactct	420
gaattttggg	atcccagtac	cgtgtctagc	gtcttgccga	ctgagaagca	ggcttcatgg	480
attacacact	ttgtgaaagg	tttggcatcg	ttaggctttc	tgteattcat	caaagctata	540
gtcgccatgt	caccttgcca	gtggtggcat	gttcgtccaa	gtggctgggt	cagtagtggc	600
aggaccacag	gcagaagccg	agtagcgtca	atcacttggg	ttgtcatcct	ggttggcggt	660
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<210> 5781

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 5781

tgaagggtct	tgaccgaggt	ctcgccctcg	tctccacact	agctttgctc	ttcgctccagg	60
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atacctacaa	ctttccctcg	acccccgaaa	acaatgtctga	caccttcgag	aaagaccccc	180
aggcagaagc	cgcaccgtca	tggttcactt	ccacctgat	ggcccgcgca	ctcctcgctc	240
tctcaaccac	aggcgtagcc	tccaccatct	tctctcacac	acccaaggac	gtccacgtcc	300
cagccgcgct	ggccggcctg	tccatcagcc	agaaagaata	catctcagac	tgcgacgagg	360
ccttgccccc	ttcaagcggc	aacggcgcca	acggcgacct	gaccttcctc	gccctcgaag	420
tcgaaaccac	cttcgcaac	accgctgaag	gctctaaccat	cagcatcacc	ctcgactggg	480
gggaccactt	gaacgagacc	gagcgcctct	ggcccggett	cccgtcagc	cctgcgggtc	540
tccccgcgct	tactctcttc	gggtacgtcg	agtccttccc	gtccctctgc	ccggaggaca	600
cggaggcggc	tcttcgggtc	tgtatcttta	aagctcacc	cgatgcgccg	gtgtggctgc	660
cggagcggcc	gggtctcccg	cataggagcc	actgggtccg	catgggtgtc	actcacattt	720
attggattgg	tggtctcggc	ggggttccaa	gcattgggtg	gatgaatgtg	actgaatgga	780
agggatttcg	c					791

<210> 5782

<211> 335

<212> DNA

<213> *Aspergillus oryzae*

<400> 5782

ctcgtttattc	attgtcgact	ggctaaatgc	gcaaggcaact	cagacgggat	acctggccct	60
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gggtggaatt	cagctgggat	tcctttctatt	tacgatcccc	atgtacattt	atggcaaagcg	120
gcttcggatg	tggaacgctc	ggaaacgcct	gatggagcaa	tggtagacac	ggtgctcgcc	180
ggtcgtattc	ctttcgccct	tgatgagtta	tgattggaca	tatgtgagcg	ttgaagtaca	240
tatgcattgt	tacgtccctg	cgtcgtcatg	atgtacaata	tagatggcga	gctagtatat	300
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<210> 5783

<211> 659

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 5783

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tggtctgttg	actcccgtca	ctctccccta	aactccaaca	accccgacaa	gctcggtgcc	180
ttcgtcaatg	ccgccacaaa	ggagagaatt	cgctatgata	ccttaaagga	atacacgacc	240
catgttttcta	ctgctcttgt	gcgcaactat	ggcctccaac	ccggcgatac	cgttgccctc	300
ttcagtcoga	acacgatttg	gtatccagtc	gccatgttag	cggctgttcg	tgccggtgct	360
ataatatctg	gcgcacncc	tgcttacaat	atcgaagaaa	tgacctatgc	cctcaanact	420
ggtaatgcca	aatttcttaa	tgacgtccnc	tgcggtatgg	acgttgcggt	tcccgcagct	480
cggaagctg	gcacccctac	tgagcggatc	ttccttctcg	anggcgaaag	ggcgagtata	540
tatccgttca	agatctcgnt	tcgaaaggga	gagctatgga	cccactggac	agacgacacc	600
ttttgagctc	cctcgtgggt	agtcaaaccg	ggatgtgttg	tgatttttaa	gttttagtc	659

<210> 5784

<211> 669

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 5784

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gttaggacca	atggcacatt	attcgttata	tgctcgtcac	tttacaaaacg	agagcccaca	120
cgtcaatcgg	tgatcccggg	cccttcgcga	atggtctaa	tcggtctaaa	atgcgtcgca	180
atcggatttg	gcctttccca	cccgccgcgg	ccggttatcg	ttcatcgccg	aaggtaccat	240
ttattgcggc	ttcttgccct	gggcgccaga	ggtcaggcgg	cccaggtcag	tactctcata	300
ggcctgacga	acaacaccct	taaaggctct	ccatccctgg	cgcacagccg	gnngagtgtc	360
ctggtgcgaa	accgaagcat	ccacacgggc	ggtgaaatga	cgcacggcct	gctgaacaaa	420
cgagctcttg	gtgtatctcg	cgcggaanaa	ggccacgtag	ataaagaaga	gaagaatgct	480
ttcctttggag	aaggtcaaaa	ctcccagggc	caggcggaac	agcagcgcca	tctcgagccc	540
agcgacgaga	accatgctgg	cctcgggaata	ctgcttgaca	aaattttcaa	tqqqctctgc	600
caaaaggactg	gcaagcggct	ttggaacacc	cagaaaaggg	gggcgacggg	gattcccgcg	660
cctgaggcgg						669

<210> 5785

<211> 305

<212> DNA

<213> Aspergillus oryzae

<400> 5785

ccgaacaatc	acccacagta	gccgcagcga	ttgagcgaat	tggccaggca	gcagacacat	60
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cttaccatcga	aactgaggag	ctctccaacg	cattaagcgc	aagctttgcc	gagcctatga	120
gggaaagcgc	acagttcgct	agcgttgttc	gtagtgttct	acgttaccgg	gtgctgaaac	180
gggtgcagga	agaaatgaca	agggatgagt	tagcgaagaa	aaagaccttg	cttgattctc	240
tggaacggag	cgagttggaa	gcaaagcgta	ttgaacagta	cctgaatcgg	acgtcagctc	300
aagga						305

<210> 5786

<211> 572

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5786

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cccctcgccg	gagttatcca	cccgtagatg	agtacgaccg	gagattccct	ccacctcggt	180
gctacagtcc	ccgtgctcat	taccgggagc	gttccccaat	tccaatgcgc	cgggattatt	240
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ctccacgtcg	accctatgat	gaccttatg	atgtccgtcc	gccgcgcgcg	ccgcctcggt	360
atgaagatcc	ttatatgcca	ccaaggccat	acggacgccc	tcgaagtccc	ccccgggggtg	420
aatatgtgcc	ctatgaccgc	cgtgggttact	gaaaccccc	cgaaaatcaa	aggaaaaggt	480
atgcgacgac	agtctagtca	ctgtctatct	tagcgcgcgcg	cacgctttcg	gcgagatgtg	540
tacaatttcc	ttgtggntgg	ccaccgctgc	cn			572

<210> 5787

<211> 1454

<212> DNA

<213> *Aspergillus oryzae*

<400> 5787

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cttgcttttg	cgaatgggat	cgacgcccgc	gacaccatct	ctcgcgatgt	aatcatcctt	120
ggtggtggca	gttcgggaac	atatgccgcg	attcgtctta	gggatcaagg	caagaccgtc	180
gctgtcgttg	aacgcaacaa	ctatctcggc	ggtcacggcg	aaacctacta	caccgaagat	240
aatacgcctc	tgaacttcgg	tgtagaggga	tttttcaaca	cgaccgtgac	tcggaactat	300
cttgaacgac	ttcagggtgc	ctatggggcg	cgcgacctg	ctcccgcgca	cgaggactac	360
gtgaacctca	acacagggca	aagaacagaa	tacactccag	gccagcttca	ggacagggag	420
gcattcgcga	aatgggtcga	cgccatctct	cagttcgggt	tcttagatga	cggcgtctac	480
ngaattccag	agccggtgcc	agaggacctc	atcagtcctg	tcgcggactt	cgtgaagaag	540
taccatctcg	aggatgccgt	gtacgctctc	ttctctcaca	catctggcga	tgtcctggaa	600
atgattaccc	tctacgtcat	tcagtacatc	ggagttcccc	atgccgctgc	cttgaatgag	660
ggtaacgtcc	gtcccatcga	gggaattgcc	gccctgtaca	agagcgctgg	caaagaactt	720
ggtagtgaag	ttctcttgga	aacgacctct	gaggccgttc	agcgattcga	ggatgggtgt	780
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gtcaaccatc	cgccccctgt	ggaaaacctc	caaggctttc	cactcagcga	ccaagaatcc	900
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gagccattca	tctggcgccct	ggataaccat	tgggcccccg	gctaccacaa	tattaagctg	1080
gttgggtggat	ctgaattcgg	agaagacgag	gcgaaggcgt	acatgtatga	gaggtctgat	1140
ctctctccag	cagaggggaac	atacgtctag	cacaagcctg	agattgtcaa	gttcgogaac	1200
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tactcgacct	tgtctgtggg	gtatacggat	gaaggtctcg	atcagatggc	ttcttctcaa	1380
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<210> 5788
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 5788
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 atatcttgat caatgggttg tccgtcgtaa aggcctcgcg tatgggatta tgtgggctgc 180
 caaaagcate tgcggtgtag tctccctttt tctagccagc gctgtctctg aacgttttgg 240
 auctgagaacc accttgagag cctggacagt cactacggtc agtaccatct tcaacgacaa 300
 tctatntaat ggcaagacaa ttgcgaaacc agccatctcc tgcgaatgcc tctatcccca 360
 gtatggctgt gcccctaagt cctcttcttt acgtggcttt cctagtgtct ctttatttcc 420
 gccatgatca tccggtactt gagatagccg catagcttgc cggcatgtta ctgccttgna 480
 ataagtttat acaccagca taaagccacg catatatctt caactccagg caaccagcag 540
 gccctaattg tttnggctcg ttgaaaacat accccacatt ctttcagcgc ttgggcgcgc 600
 agcaaccgac tgatttttcc aagtactttt atctttggag gtttggcctt ccgataac 658

<210> 5789
 <211> 589
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5789
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 gccatccatg gatgcttcgt gcttggtagc gccacagcat gttaactgca acaccactga 120
 tgcacctagt ttcggttggc cccatataag cctgctgatg gcattaagaa taagcggctc 180
 gctcctccag ctgggatctt acgaactcat gctgggtact tgtctctctg ctctggcgta 240
 gcattattca cgttgctcct ctatatcggt tatttccatt gatcttctgc cttttacctc 300
 tacgccaatg gatggaagct ccagaccact accccaaacc gcgcagcgta aacgtcgacg 360
 cccagtctta gcctgcgac gatgtcggag acgaaagatt cggtgcgacc gtaaggctcc 420
 ctgcagtcac tgtcttagga ccgggtatgc cagcacatgt acatacctgg ccaactcgaa 480
 ttctctatct cccgaagagg acctgccagg gctcgacacc acagattctg ccatggacat 540
 ggctacttca catccaaacc acgggcacga ccgcgtgccc actgacaat 589

<210> 5790
 <211> 620
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5790
 gcatttcaga aagactattg ctacaatata cccaatggct catccactgc ccagggtcaat 60
 gaaagcatgg acgttcaact gagcaggatc cgtgaacaa gtcttccaac tatctcagca 120
 gcattccatt cccaccttaa ggaccaacac cgatgtctct atccgcataa cccacgtgtc 180
 ctatcacccc ggcaacaaca taatgatgaa ttatggctca tccatcttct gaaacacacc 240
 ttgcattgca gaaacagact tctcgggact gatcatctca gctggcaaaag gactccagct 300
 gacccccagc ccagacaatg agcaccgggt ctctccgcgc ggaacgcctg tattcggatc 360
 cattccgggtc gggcaacatc taaaagggtg cggagccttg gcagaatata tggtttgtga 420
 catgaattgc atagcccgc aaccagccaa tgtctccttc gcgcctgtct cgggtttacc 480
 cgttttcgggc aanaactgcc taacactcat gcatcggcgc gatatccgtc ccgctgatgc 540
 ggtgctcatt aatgctccat gtggggggat cggacacctt gtcacgcagc ttgtttctca 600
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<210> 5791
 <211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5791

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ccccagggat	actaccctcc	cccgggcggc	caatatcctc	ctccccagcc	catgcagtac	180
cagcaacccc	caccccagga	ggagaagaag	gaccgtgggt	gtctgaccgc	ctgtttgatg	240
gccatgtgct	gttgtttcct	gtgtgaggag	acctgcgaat	gctgtattga	gtgtgtcgag	300
tgettgtgtt	gtgggtgtta	gcgatggaat	ctgggttttta	attgtcattc	ttttgttttc	360
ttacgcgaat	attttcgacg	tgatggtttg	atgtttacct	tcttaatgct	ctgcagcttt	420
ctttattttac	ctatacattt	ccatgttacc	aatatattga	tcattgtgact	ttagactggg	480
tcctttttctt	tggtatgact	aatgcagaa	tccttttcgt	tgatgaaaat	agtgggttagg	540
tctagttcgt	gtgctcattg	atcgctgttg	tcgttagttg	aactgccgtc	tttcatattt	600
gcacgcaggt	tatatgatct	ttgttgacga	ccatcgatgat	gtctatagtc	actataattgc	660
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<210> 5792

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 5792

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agaataaacc	tgggggttaa	gtgggcataa	ttcagacact	gactcagcga	gtggagtctg	180
tagaggctca	atttgaagca	ctaagcgccc	agaatcaggc	tgtagtggtt	attccaagtc	240
ctgcaagcac	cgttcaggat	gtgaacgcgc	tccgaaaact	ggtttcatcc	ctgatggagg	300
agtggcgaga	gaataacacg	cccccaaatt	atgctccaga	ccaacgtctt	aactcccttc	360
cggatcgaga	tgtgcaagat	tccacaacgt	cggcttcagg	tcctgagacc	tcgcggaaaa	420
ggccatgtcc	agaccccggg	agctctgttg	attacacaag	tcaagtggan	ctgcctccag	480
ataagcta	caatgggatt	ctggatgcct	atttttcggt	cgttcatccg	ttcatcccaa	540
tgtccattag	gccaattttg	caatctcgcc	tgcgtgatcc	agctgaaaag	ctgaagctaa	600
ttcccttact	gcgtgccaag	atggtaagtt	tccttagggg	acgttgccaa	ccaatcgaat	660
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<210> 5793

<211> 1292

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1292)

<223> n = A,T,C or G

<400> 5793

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tgcacacagg	aatcaactca	cacccgcgaa	ttctcttagga	ccttaaagac	ttccacagtg	180
gagcgggtct	tgatgtcggt	tactcgga	ccggcgtgga	acctggcaga	gggttccattg	240
aatttgagac	tgcaaacgat	ctgaagactg	ccattgagaa	gctcgatggg	cgtgatttca	300
aagggtcccg	agtgaattgc	gtggcagata	tcacagcctg	tgatgagcgc	cctttccggtg	360
atccttaccg	gtctcggtcc	cctcgccgga	gttatccacc	cgtagatgag	tacgacccga	420
gattccctcc	acctcggggc	tacagtcccc	gtgctcatta	ccgggagcgt	cccccaattc	480

caatgcgcgcg	ggattattat	gaccgtgatg	gctatggacg	cgtactcct	cctcgccctc	540
gtattgatga	ttatccacct	ccacgtcgac	cctatgatga	cccttatgat	gtccgtccgc	600
cgcgcgcgcg	gcctcggtat	gaagatcctt	atatgccacc	aaggccatac	ggacgccttc	660
gaagtccccc	ccggggtgaa	tatgtgcctt	atgaccgcgc	tggttactgg	taaataacctg	720
tttccctgtga	tttgggtgtc	ttgaatgcac	ggcggatacc	catgtgcttt	gtgtttattc	780
cccccttttc	tcttgtgttc	ctttgtgttt	gcttgattcc	actttccctt	gctttccaaa	840
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acgtgcctgt	tgtcgaaaaa	tttccgttta	ttgcttgaca	tgaggacaat	ttctgaggcc	960
cttgagcact	tactagaaac	ccccccgaaa	atcaaaggaa	aaggatatgcg	acgacagtct	1020
agtcactgtc	tatcttagcg	cgcgcgcacg	tttcgtcgag	atgtggtaca	ttttcctggg	1080
ggttgggcan	cgtttgcccg	ggtgttgtgg	ataggggccc	cttttcgttc	ttgcacatac	1140
agaattccct	gatatgatat	gacatggacc	catttacgac	gatattgtac	ggtgaccaag	1200
caagtcctac	gcttgtttac	tctacnngga	gggtctggat	gtatattaat	taggattact	1260
cggagctacc	gttttgagat	cattgactga	tg			1292

<210> 5794

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (679)

<223> n = A,T,C or G

<400> 5794

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cgcagttgga	cgccttcaag	gatttcccca	cgcacttcat	aacattcgaa	tcagcttcta	180
catccgtgtc	gactgaggct	attgaagact	tacatgattg	tgcggttgac	tcgcacgcac	240
gcgtactgag	gtattgaaat	tttactggta	tcatagctgg	ttccatgagt	gatggagtcc	300
accagagagt	gatcatggcg	aaagctgcgc	tagccaatac	tgtagtatat	gcagatgctc	360
cacgatgtgg	cagatcacta	gcgcattaca	tatcttaatt	gagcttgatg	nactatctac	420
cttcgagaaa	tcctttcccg	aggacacaga	ccttaagctt	gttgaatccg	tcgagaagaa	480
tacaaagcgc	tatgtttgat	gttctctcac	aggctgccga	tgctgtcatg	cncaaggaaa	540
ccaaggagat	cacattcaag	gatgatgtac	ttgatgttat	catgtcacag	cgtgaaaagc	600
ggaacgaggc	catgactatg	tgcattggnag	gcgacatgga	cccaacggca	gcggcctcga	660
tcttcccccc	tgagttaac					679

<210> 5795

<211> 847

<212> DNA

<213> *Aspergillus oryzae*

<400> 5795

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ccaccagagg	acattgccaa	ttctgatgac	aacaagggtc	cagctctgtt	gatctacgoc	180
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tataaaaggc	atcatatggg	tgacatactc	tgggccaat	atcgtgtcgt	ctgtccggcg	360
ctctggggat	tctacggcaa	cgaaaaagacc	gaagccggta	ggcgtgcctt	aggatgggtg	420
cgagaagcac	caggaggctc	tttcatcagt	gaacaggctc	atatggaccg	aatgacagct	480
cttgggtgtg	ggttttgcgg	gctcaccctg	cgcatttttg	gaaagaccoc	anggaagaat	540
ccatttccca	accacatggt	ttggcttgcg	atgcacaaaa	ttttgatgat	tcccccgagc	600
gagattccag	agacacacgt	tatcctgctt	tgggcacatg	tcaaatcttc	tgttgaaagg	660
atcgtcggct	tcttttggtc	tatcggctct	gcattaatga	ggaaggccat	agtcgatgta	720
ccaagcagcg	tgcctcgtea	gagtatgggc	gttaatcaac	tgaaacttct	gaaagacctc	780
tacaagcgag	agaagaacat	aattatctga	gagatctgtg	gccggaaaac	gttctctgtg	840
gtggaagc						847

<210> 5796
 <211> 784
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5796
 ggaccattcc ccattacacg cgtgactgct ggcatagtgt gtgctaccca tgcgatattt 60
 aatattttacc atagctagca gcaaccaacc tagcaagagc ccactgatcg tataccgtca 120
 tacctaatat tcatgaatgg tgaccttcgt gtcataatagg ccattaagga atctcgattt 180
 gtttcgggtga gcggtgttgac acctggaaca tagacgatca tttttacaat gacgcgctct 240
 cacaaaagtaa acgatcgtga ccaactccgta cttcatgatg gaatagctgt atcccaagag 300
 aatcttctctc gctacttttg aaaatctggc ccggttgatg ctgatccccg gaagacaaaa 360
 aaagatggcg ggggaaaagg aaactggggc caaccggcg acgaagtcta tgactataat 420
 tgcaaaactca caaacgctcg gcgctattcc aatagtagca ctcaaggatt agcggattat 480
 aaaaccaagt ttgagacgat tgagccagag cctgtgttcc aggaaagctt ccattggtgtg 540
 cnaaatgaag aaagacctgt ggatggaaac aaagtgtctc aggttgacgg agccactagc 600
 ctcggtgaaga cactgggtata gcagggtcat ggactgtgtc ccatatgagc gctgggactg 660
 ctgtaactat tttcatcgaa gcctgatagt gcgtgggaga attcaaactc ggtgtcaacg 720
 agagcagatt atggattcag aatgtcttat cttagtatgt gatggatgat taaattaaca 780
 gact 784

<210> 5797
 <211> 1041
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5797
 ctctcttttc gogategtca aagtttagaca ctcttcaaga tgcactttac tagcaagtec 60
 ctctctctcg ctctgagcac tcagctcttg gctgtgagcg ctgctccagt ctcgagtgc 120
 tccacctctg aggtcagcca gccacgccc cctgcccggg ttgctcagta tggcaactat 180
 ggagactatg gcaagtagcg caactacgct tcttacggca catacaagag agatgatgtc 240
 cctgaggggtg acggcgaaga tactgagcct tccaccacga cttcgcctac cgaaacccct 300
 acccaaaactc ctatcaacta tggcaactac ggcaactacg gcaagtagcg acagtatggc 360
 tccatggggc cgtacaacct cgagaagaga gacgacagca gctccacgac cacctctct 420
 actacctcca caccactga aacacctatc agctacggaa actatggcga ctacgggaac 480
 taagggtggct acggctctta cgggtcgtac aagcgggacg aggtccccga acctgaagag 540
 agcacgacta ctaccacatc ttcgacccct actagtacct ctgtgaacta cgggagctac 600
 ggtaactacg gccagtatgg ctcttacgga agctattccg aagctgctgt cgtcaagaa 660
 taagctaaga gtgacgggtg tgaccatgta acacggctcg acttatgtgt aacgaggcaa 720
 cagccactat gaacgaaatg taccgaatga tgacttccag cccatggctg ccaaggctgt 780
 cagcatgaat tgaaaacgtg agactgccag gggggagttc agcaagggat gtgttacgt 840
 tttttgtgna atcagtaagg atggccgttc gaaaagatgg attggatggg aacacttcac 900
 gtggacgaat gataatgctt attgaacatt cttatcttgg gtcataatgt actagttaat 960
 taaaatagca taaatatgtt gtgatttctg tgtgctgcgc aaaaaaaaaa aaaaaaaaaa 1020
 tctctgoggc gcaattctt c 1041

<210> 5798
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5798
 ggattttctc cgtttccacg attcctctca gggggaggag ttttgtcgcc aatttgtctc 60
 aacattgaag gaatatgcat ttgccaaact gatcaatcac gggatttcct gtgcacagat 120
 tgacctggcg tttgcagcag cccgcgcgtt ttctcaatca ccttgggaac aaaagttaaa 180
 atcacctcat cctgccacgg cgcattccaca ccgaggtctc agtccggctg ggctggagaa 240
 cattggagct gtctccgact atggcagcgc agctgggtct ccttacctca aagacatgaa 300
 ggaatcctac gacattggat ccgagtatga cccactttac aagaacatct ggccacccaa 360
 gggagtggat gatgcattcc aaccgacctt cactgcattc ttcaaagccg gcttttcgcg 420

caattaacca	tccatgaatgc	gctgtcattc	gactaggtct	acctgagcat	aagcttggac	480
agctccacgc	agaccagacc	aatgagctgc	gcatcacgca	ctttccctgcg	gtcgcccag	540
gggaatttgc	gcattcgaca	cgtatcggtg	cccacactga	ctttggacga	tcacccttgt	600
ttttcaagac	gccgtcggag	gattacaaat	ggagtgttca	ccgcattatg	ggcagttccc	660
ggacattcga	aattgtaggc	ccttacct				688

<210> 5799

<211> 526

<212> DNA

<213> *Aspergillus oryzae*

<400> 5799

cgagggttcc	cgtttctctt	ttataaatat	ggcccggcga	ttaggacgcg	atgcaagtat	60
gcagcgcaat	ctgatgcttt	tatgaagaag	ttgatggaac	aaactcgcca	tgttccctgac	120
gagacagata	ctgagaagaa	gtccgagaac	aatgctacag	aaggggttgaa	ggaggtggat	180
gacactgtgt	ctgagccccc	cccagcaagc	tgcgaactgg	atgatctccc	gtctgcctcc	240
aagtatgacc	gaagaaaagt	tatagcatca	caggcgctac	gcgggtctga	gggggtaaat	300
tctcagactg	tgtatgatgc	taaccgcgtac	gacattgatc	gagtcaacac	ccgggagtc	360
ttcaaataga	gaccatccct	ctattcttgc	atcacggctg	agtgtatcct	gtattgtgat	420
ccgttgatgg	atccggagca	tgcctttct	gattaccgat	tccctcaaaa	ataccctata	480
gatagtagtt	agtttgtaat	ttctatagaa	ttcactgata	aaagct		526

<210> 5800

<211> 982

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(982)

<223> n = A,T,C or G

<400> 5800

gttgccgcatc	attgccggca	tgatgcctgc	tcaaaaagtt	atataaaccc	tgacgatgtc	60
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aagctctgtc	tgtccttcc	ttcgagatcg	aatctcgtcc	ttctttttta	ccacctacat	180
caaaaaagtt	acatccttgc	gtctgtagaa	cagaccagtc	caatctcttg	acttcaaaaa	240
ctcagaaaaa	tttcacaacc	aacacaatct	catcacagtc	tttttccttc	ttttccaaaa	300
agacccccc	attcaaaaatg	atgttcacca	agactatcac	tttgcccgct	cttgccagcc	360
tgcgtgctgc	tctccccact	gccaaccttg	tcaagcgcag	cggcgggtgc	aacattgtca	420
acaacctggg	tgaaaccgtt	tacgcgtggg	ctgtttctga	tagagtcagt	aacatgcata	480
ccctttctgc	gaacgggtgg	aactaccagg	aatcctggca	aaccaacgac	aacgggtggg	540
gcattctccat	caagttgtcc	aacacccagg	agcagtccaa	cgtgctccag	ttcgagtaca	600
ctcagtcagg	tgacaaccatc	tactggggaca	tgagctgcat	cgacctcagc	ggggacaacg	660
tcttcaccaa	gtacgggtttc	tccgtgactc	ctccagcac	ctccgacaac	tgtccctctg	720
tcaactgtgc	tgccggcgac	actgcctgcg	ccgaggctta	cctcaagccc	aacgatgacc	780
acgctactca	cggtgcctcc	attgacacct	tcttcagtgt	cagcattggg	cgctaagcat	840
cncttctctc	tctctcttct	tttacttgag	ataagaagat	gacttgacta	cactcatttt	900
gttacattga	ttgctattgc	tactgctttt	ggccaaaagt	gaatgaattc	cttaccaatg	960
ggagggatga	atcccaagac	ga				982

<210> 5801

<211> 422

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

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<400> 5801
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tgaatacctt cgatcagctt ctccggacga aactggaccc tcgcgtcaag gactgggttg      120
cgcgcggtcg caaggcgggc gcgtctgcgc tagaggataa atcggggctg gcggaggcgg      180
agctggcgga attgtgggat tgggcacccg tggaggcgaa tcatgaggcg aggcggagga      240
actggggtgg gaattttacg ctccgaggaga gggagatggt ggtgcagaat gttgtgactg      300
tgttgacgac ggtgttggac gattagggga gtgagagtga ggatgaggag gaaggggagg      360
aggatgagat ggagaatgng ggtgttatag gttcncgaat cgtgctgctt tctgatacct      420
an                                                                422

```

<210> 5802

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<120>

<221> misc_feature

<222> (1)...(688)

<223> n = A,T,C or G

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<400> 5802
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atcgtcaaac ttcttgetta catttaaggt ataattctga gctgacgttt accgaccata      120
tcaacgcgag aggtctctgt caccctcgct tcgttcgcgc agccctcgac gtagccgtcg      180
ctcttattcg cctcggagtc gctctcggag tcgtgacgat tatcgccgca gtgaacgcgc      240
ttcccgttcg cctatgagtg ctgcaccagg tgccctctgga ggacattctg gttctggtta      300
cgggtggacgc agcagctaac cgccgcctcc gagatcgttt gaggaccgcg ctgtcgccaa      360
agaacaaaatg atgcaagcag tgcgcgagtc ttcccagcaa gaccgtcggg tctatgtggg      420
aaacccttcc tacgatgtca agtggcacca cttgaaagat tttatgagac aggcctgggtga      480
ggteatentt tgcgacgtct tattacttcc ccatggaatg tcaaagggat gcgggattgt      540
ggaatacgca acgaaggagc aagcgcaaaa tgcggtcaca cgctcaacaa ccaaaccctt      600
atggctgtct agtctacctt cgcgaggacc gtgaaccccc accttgtttt accggtggcc      660
cttttgttgg ggatttcggc ggtggtgg                                     688

```

<210> 5803

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

```

<400> 5803
ctttcagcag cagcttcagt gctgctatca gtggtggctt tgcggggccaa tgcgttgagt      60
ngaaactctc caaggacgac gagacgtccc cggagatctc gtccggcagc gataagacct      120
tctccatcag caagcttcac ctggtgaccg ccgaggaggc tgatatcaag atcatctatg      180
acatgcccga tggttcttcc tgcaagcatg tcgtccctg ctctccgaag ggaactgttg      240
tcaccaacga ccagtgcggt ggtgccagct ccgtccggtt tgaactcgca gaggaggcgc      300
ccgtgggatgc cgtagtcttc ggtatccaga atgtcgagtt tgagtgtctc cctggccaga      360
agacccccaa cccctctcat caccacacga gcccgactgc gactggacac tcgtctactc      420
cagtgattcc agtaccgtcg tcttccaatg cagtcacgcs tccggctcct agcaactccc      480
tcaggatgac acatcgac gttttcttac aagcctgata accatctega gctgtgcttc      540
cacgtttacc aactgccttg gagaatcgac caattgtgtc actttcacca atgctggttc      600
gaccactgtc ttgcccgtca cctttactga aacttctggg aagcctactg agacttctgt      660
gaagcctacc gaaccccggg gagcgtctct gat                                     693

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<210> 5804

<211> 1050

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1050)
 <223> n = A,T,C or G

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<400> 5804
ctctgcaacc gatctggctg ccgaagtcgt gctcagcgct tcggctcagt cttccttgtc      60
tacattcctc tctggacacc ttgggtgttg tctcgatgtc gacatcaggg ctgggtcttg      120
cctctgtgct ggcggtgggt ttgtcgctga cctggccgcg gatgttaagg ctgccctgaa      180
ggcttggctc tctggctcgg agtgcacctt gagccattcg ttgaaggctc ctggtctggc      240
ctgggtggag ggtaaggctg aaaccgggtg tgtctccatt ggctctgttc cttctgggtg      300
tttggcgact atctccgctg gtgctgctat tggcagcctc attgaagagt ctggaattct      360
ggtcgccagt gctctagctt cctctctctg cttcctcgag gccgacattg ctgctgacct      420
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cagcgttgaa gtcgcatacg ctttggctat ctggctctct ggctccagct gccgtcttgg      540
tgccgaactc aagtctgttg ttctattctg gcttaccttc gctgttctg ccgatgttgc      600
ggttgatgtg agcgggtggc ttctcactga tatcacctcc ttctcaccg gaactgtcga      660
cacccttata ggcacaaaac ttogtgggtt gatctctgtt ctcatctctg gcgagagcct      720
tgtctccatc tccctcgacg ctgctgctca gctcgctgcc gtctgcggtg gtgctgctgg      780
tattgagatt gacacccaga ttatcctcgt cattattcag tggctctctg gctgcgacac      840
cggtcttggc gccacatcc gccccctac ttccggctcc gttgttcta gcattcccgc      900
ttctacgctt gttgctctta cccctgctgc ctcaacgccc cttgtgccga ctctgtccc      960
caccagtgcg ggtgccactg gcagtgcagt tccctcggtc ccgcttgctc tgetactacc     1020
ggtgtacctt ncgtgtcaac tncggctctg                                     1050
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<210> 5805
 <211> 636
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5805
gaggttatta cccaaaacgaa gacaccatct tctgtcgtca cctcacctc gacatcaatt      60
agtcggctcc ccttaacgtg cgccttccgc cgctacgtcc gactctctct cctcgctat      120
cgactccctc tttcagtttt aaccatctgt gcatgcgccg tgatgtatgc acgctcgaga      180
gtcctttctc gccggtctga tatggcacga gtcccgaac tagtagccac cacgctcgat      240
cgcttgcga cacaagccgc tttgcatgcc cgtggcgaag ccggtgaacc ttatatcca      300
attggacaac tgcgcgacga cgtccttcga tccgaattgc gtggcagtcg acgtgaagaa      360
ctatggcgac ggggttcgcag tgtcgttgaa gggaatgcc aattcgagc tggcgtgcga      420
gacggtcgtg gtggtgacgt tgcctcgctg tgggaatgga ttggcggcat cggcagtggt      480
cgtggagata ttgaatgata cgcgacacgg ccgcgcgaca gcagcaacct gcatttctgc      540
ggctcacctc atgaacaaag ccgtcagttg atggccagcc atgcccatc tccagattca      600
gcagaagctc gtcgatggga cgaaggagg cctatt                                     636
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<210> 5806
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5806
ctacaacgag caaacgtctc tcacgcagcg ggaggccagc atgcagcttg agcggagagc      60
ccaccaaagt cgcattgctc cggaggatcg taccgggtgag agctcaccga acctgcaggc      120
gaacccagcaa caggctcaga ccccgccggc cgggtggcag gccagtgtg tttctatgat      180
ggctacggga gcgaccaccg ccggcgctgg ttagcttggc gcatgacggg atcaactgac      240
taacctgat ggacgacctc tctttgtctc actaagcacc ctctcgagca gaaagctgtt      300
tccgctacat cagtactact ttacttcgat actagcagat attgacttca tcaagctcta      360
gattgngtgn ccttcattgta ctgtatagat tacactatct ttacagcat cactctcttc      420
cgcgacctca cgtcctgtac tgacgggatt ctatacatha ggtaactcga tgtttctctt      480
atacgtcata ctgttcacgt tatcacgact tctgtcttac caattcctcg ttgtatgaaa      540
gacctatgtc accccatggc tgtgatata cgcgaagata ttgcgtcttc atctcatata      600
catgacgagc agacttctat atgatcatta tcttactctc atcatcatgt atccccctcc      660
ctcgacc
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<210> 5807
 <211> 630
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 5807
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 cagctccccc tagagcaggt tgataacgcg actgcacccc tcagtgcctc cccaacgctg 120
 catctgatca acctcaacac cttgactctc gactccccgg cccatcctc ggacatccag 180
 tcccatagct acgcctacat taacgatctg atctctcatc gattgtaccc cgtggaagac 240
 cgcacgacat ttactctcct ttgacccac ctcacccctac acaagaagga ggglatatgt 300
 accgacgggc cttacttcac attccatgaa tcagacgacg aggatggccc cgacgatgtg 360
 ccgcgcttca aggaaggagg attgaaaaga caaaaccatc tcagcgacca catcagcagc 420
 agcggaggtg tcagaggat ttccggcatga caggagacga aagcggcccc gcggaggaag 480
 agacnngatg actcattcta caggcacgac acacaggggt aacgtgggca cttgtgaacc 540
 gactatagat acacaccgag agactcgaac acgagttgaa tggaccanaa cctcgatacg 600
 ctgcgatact tacgcgcgat taagagtatn 630

<210> 5808
 <211> 640
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5808
 ggggttttat ggaacgatttt gttttagtgc tctattgccg tataagcggc ttacttgcctc 60
 taaacctgt ctcgggtagt tttgcggcga cggttttcgg agcatgagtc tctcacacac 120
 ctgatctagt ggatattagt taattaggaa tcacctacct tcaaacctag agtgcgctgt 180
 atccatgtca cagccatggg attacatcgc taagctagtt tgaattgggt actctggaac 240
 tggaaagtct aacttgacta ttccgctttg cgaaggacgc ttttcatctt tccacgatgt 300
 gaactattgg tgtggagttt ggatcgcgta ttgttccaac tggaccacct gcttcacagg 360
 cccttaattt aaaattaaac accaactctc acaaccgttc ggttcgtcgc cagttacttc 420
 agaatacctt aatgaaccca gtcgtttcgg gtttacctaa ccttcaccga aaaaggggtg 480
 atctctaaaa agaaggaggt atcactatgg ggaaccgcag ggcgggaaac gtcaaactct 540
 tccaccggtt ttttttaaag gggctctggg gcttggttgt gtgcaatttt actaaacct 600
 ttaagttatc ttccagcccc taaaggactc ggatggtttg 640

<210> 5809
 <211> 977
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(977)
 <223> n = A,T,C or G

<400> 5809
 ctccctttct ctccacagtc cttcgttaac tacttactaa ctacgcgttt ctatacactc 60
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 tgaagctcaa cctcattgct ctgactcttc tggctgcctt gacgngggcc cagtgcagtc 180
 actctacgtc ggactctgcc accggcacca ctgttgctcc ttccggcgacl gtcagcttgt 240
 ctcccaaca gtcctgcgct aagaagtgcg acgcaacga tctgtgctgc attgctggat 300
 gcttcagagg cccctgcccc aacgattctc aggctaacga caccaacact tgcgtgcgcg 360
 cctgccccca gggcagtggc accccatctg acactgagcg ctacgcgcgc tgcagagct 420

cctgctacag	cagccacttc	ttccclatca	ctgccacggg	taactctgga	gcctccaaga	480
cctctgccag	caactctgac	gccaccacca	cgggtactgg	caaggacagc	tcttccactg	540
gttccagcga	atcctccggc	tcctgttctt	cgggctccaa	gtcttctggc	actggtacca	600
gcactgggtg	tgctgccacc	ggcaccgaga	ccaatgctgc	ctccgttgcc	aagcttcaga	660
tgggtgtgtc	tgccgcgggt	attgcgggtc	tcgtctctgg	tatctgggct	ctgtaaatgg	720
gcttaagctt	attgatttgg	tgatctcacg	tgggacgggt	aatgggagaa	tgtgaaagga	780
tggaaaggta	ttaatcggtg	taaggatgtc	gcataatggg	ctacctacat	agttgtactt	840
ctgcgctgta	atattgattc	ccaagcactt	tgctgttaat	tgtatcggtg	ttagctaata	900
caactgctac	ccccaaagctg	atcttcgaca	tcctcaagggt	tgagaatnnn	nnnnnnnnnn	960
nnnnnnnnnn	aattcct					977

<210> 5810

<211> 760

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 5810

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cggntcgag	gcgagctcca	ctatccatta	tttaggacac	ccttctatga	tgggcctaca	120
cagtatagcc	agaagcatec	tcaatgggtg	cgcgtaaagc	cccacgaacc	taggaaatga	180
ttgaagatcc	tagtaaacgg	cctcggcctg	ccatgcgctc	caaagatgga	tgccctacct	240
gccgtcgccg	caagaagaaa	tgtgatgagc	gtcatcccac	ctgcacaggg	tgccatcgaa	300
atcatctcac	ctgccaatgg	ccaacgcagg	aagtggccgt	gcgcctgcca	cgctccgcgc	360
gacgtcaagt	tctctcggac	atgacaatcc	cgcctgagct	agcagcgatg	gtgacgggtc	420
tgcagttcc	cagcccaagc	ctgggttcgcc	ggcttctaga	ccattttgcg	aaacatggcc	480
ctatgtggct	aacttcacgg	atgggttaatc	gacgaactgc	galectctct	catatttttc	540
cggagccatg	gnaagccccc	ttatcctcca	ctgtgtgctc	atgatcgag	cgaaagatta	600
ctgaagtatg	attcgaacgt	ggaattacaa	gcttcngcag	ttgaatacta	ccgtcgagct	660
atttcggggc	tgggtgaggc	tctcaatgga	aaagcattgg	caaatagaacc	aactttgata	720
atacctgtta	gcaattggct	aattcttctc	ttaacaatcc			760

<210> 5811

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5811

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tgaaataactt	gtccaaacgt	ctcgcaacac	cgaacaact	ctccaattca	tcgtcagcta	120
tcgatggcgt	tgctccagaa	ctagaagcat	ctattcgatt	tgccggcaat	caactcaccc	180
aagctgctgg	ggtattgctt	cgattgtcgc	aagatattat	cgcgcaggcc	attgtgacat	240
ttacccggtt	ctggataggt	gctgaaggcg	ggagccttcg	attttactct	gtcaaggatg	300
tctctgctgc	agctctatat	atgacggcca	agctatcctt	ccagcctaca	tcaccacggg	360
gggtattgaa	tgtttacaac	ttccttgat	cgaaggacgc	ttctcctttg	tggttcatca	420
ttccgaagggt	gggtatcgga	ttgacatctc	ctgagacata	ctgtctatcc	ggggggggct	480
ttccagagcca	gggaatgggt	ctgctccgaa	cgaatcgat	aattttgggc	acactggggt	540
ttcaataccca	tgttgccctg	ttccatacga	tgcggttaac	ctaccttcag	acctttgggt	600
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<210> 5812

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

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<400> 5812
ctaggaatcg ttcaagttcc cgccccccca ttcaatcaac ctcccaccat caccagccag      60
atatcattag tccctcccg cgcataataa aatagaacat acataagaag aatgaccgac      120
acagctatcc aaccagaccc gggttagct caatgtaa atggggcacct tgaacctaaa      180
aaacatggcc ccccatctcc cctccccaca agcacaatac acctccacat ctccacaca      240
acagccaaca acatcctcct cctctccaga aataatcgcc caatgccacc acaaagtgc      300
cgctttctcc gccgagtcct atcctccgga ttccctcctc gccgcccgtc aacgccaaac      360
tcgcctctcc ctgcagctcg ccgcaacggc cctctcccggt tacagcctcc cggagctcgc      420
cctctcctat aacgggtggga aagactgtct ggctcctctg gtgctcttcc ttgtcagcct      480
tgcaccgcat ccaccgaccg agaagggcgg gctcaagtac atgccagcga tatatgctct      540
accgccagat ccttccctca cagtgcagga gttcgtnacg tggctgtcga gcgcctacca      600
ctctgatatt tataagtata cgaaggagcc gnncaagacg acgctcaagt caagtttccg      660
gcactacgtg tctctncaat ctagtgtgaa ggccat
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<210> 5813
 <211> 760
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

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aaattatgct ctttcataat ggtgcacgga gggtatcctt cagtattgtc gaccagacat      180
ggatatgtca acaatggaat ctaggccagg cttccttggt tattcagtac tgcactggcc      240
ggaacatgca aacttagctc aaacagaatt tactgtttca aaggagattg agcaattttt      300
tcggaaccga ctggggccgt ggaaatgttg gctagatagt cacaactact taaaaagagg      360
ctctgagggg gatttgggca ctgggatctc ggtcattcat gttgcagctc gctgggggat      420
tctccatta ctctcgtgct ttcaagatga gctggaagaa aaagatacgc gtggcagAAC      480
ccctttgctc actgcgctc aacactctca acttgaagcc gtaaaacttt tagttgaatc      540
tgagcgtct gtgaatgctc tagatgacaa ttgtcggaac gcactccatc tgatctgcaa      600
aaatagccga gacaatgact gcgaactggc cgaactcctg cttaaaagcc gggctcgcca      660
atatgctgtg gacannagat atatgacgcc tttgctttat gccatnggga actcagatcc      720
agaacttga ccaagttgtc ttccagaatg gatnccaggg
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<210> 5814
 <211> 1418
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5814
cctctctccc ttcctctccc aaacctcaca gtcctccag atgtctccag cccaggttgg      60
cgaaaaatgg tggaaaaact ccatcatcta ccagatctac ccagccagtt ttaaagactc      120
caacaatgac gggatcgggg atatccccgg tattatctcc tcccttgact atataccag      180
cctgggggga taagtaattt ggtatctccc aatgtatgac agtccccagt acgacatggg      240
gtatgatgtc tccgattatg agagcgtcta cccacacac ggacagtcac aggacatgga      300
agttctcact caacaaqtccc accgtcgtgg gctggcgaat attctggacc tagtcctcaa      360
tcacactctg cagagacaca agtggttcaa ggaatcgga tcaacaaaag caagccccaa      420
gcgggattgg tatatctgga agcctgcaaa atacgacgac aatggaaacc ggaagccacc      480
caacaactgg cgcagtatct tcggcgggcag tgcttgggaa tgggacgaag gaagcqaaga      540
atattatctc catttgtttt gcaaggagca gccagacctc aactgggaga accaagagac      600
ccgtcgtgca atctacgact cggcgatgga gttttggctg cagaagggtg tcatggatt      660
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ccgtgtggac	acgggtcaaca	tgtacagcaa	gcacctgag	tacccggtatg	cgctgtttat	720
cgatcccaag	tccgagactc	aaatgtcgcc	ggcattgttc	tgtaatggac	ctcgtattca	780
tgaatacctc	agtgagatga	acgaggtgct	tgcgaagtat	gacgctatga	cggtgggaga	840
gctgccgaac	acgcacactg	tccgatggcat	tctgcggtat	gtgtcagcgg	cgcagaacca	900
gctcaacatg	gtcttttcagt	tccgatatcgt	cgatctcggg	caaggaaaagg	attataaatt	960
cttgactacg	ctgccgggct	ggacctgtcc	ggaactcaag	accgctgtca	aggggtactca	1020
agttatcatg	aaggggacag	acggtttggtc	cacgggtcttc	acggagaacc	acgaccaggg	1080
tccgtccgtc	tctcgttttg	gttccgagaa	gaccccgagaa	ttgagagtca	cctcggcgaa	1140
gatgcttgca	atgatgcagg	gcacgttggtc	aggcactcaa	ttcatctacc	aaggccagga	1200
aattggcatg	gtcaatgcgc	cagagagctg	gaccatcgac	gaatataaag	acgtcgacag	1260
cacaaactac	taccaaattgg	tgcagaagat	ttccaataac	gacccgctgg	agctggagac	1320
tgcgatgaag	tcactccagc	gtttcgcgag	agaccatgcc	cggcttccca	tgcagtggag	1380
ctctgagact	catggtggat	tctcctcctc	agaaaaaga			1418

<210> 5815

<211> 1323

<212> DNA

<213> *Aspergillus oryzae*

<400> 5815

ggcgcaatca	caacccccag	gatctccctg	cagataaatt	gacccatata	ctctatgcat	60
tccccaatgt	cgcacctgag	tccggagaag	tgtacctgac	ggacacctgg	tccgacatcg	120
agaagcacta	tcccacggac	tccgtggaatg	acgtcggcac	taatgtctac	ggatgcatca	180
agcagctggt	cttgetcaaa	cagcagaata	gacaactgaa	agttttgctg	tctatcgggtg	240
gatggaccta	ctcggccaat	tttgcccagc	cggcaagcac	ggaagccgga	cgcactaggt	300
tccgtgaaac	tgcacagagg	ctgggtgttg	accttggtct	tgatggtttt	gatatcgatt	360
gggaatatcc	caaggatgat	aacgaggcat	ataattttgt	actgcttttg	cagaagtgcc	420
gtgaaacctt	agacagggca	gccggcccac	agcgggaagt	ctatttgacc	attgcttgcc	480
cagcaggtaa	ggaacattac	tcaaagctcc	ggcttcgtga	gatgacacct	tatctggact	540
tctacaactt	aatggcatat	gactatgctg	ggagctggga	cagtgttgcg	ggcatcaag	600
caaatatcta	tccctctcct	gacagacctg	gctcgacacc	attttcgaca	gtcgacgcac	660
ttacatatta	tgagacggcg	gggtctcggtc	cgcgctctaa	gatagtgtgt	ggtagtccta	720
tctatggacg	tgtttttacc	aataccgatg	gccctgggac	cagtttctct	ggcgtgggcg	780
aaggaagctg	ggagaacggg	gtttgggact	acaaggcact	tcccaaacca	ggtgcaacgg	840
agtatgttga	tcccagtatc	ggtgcacgtg	ggagtatatga	ccctgcaacc	cgcaaaatgg	900
tctcgtaccc	aaatgtgcgc	ataagtgatc	tcaaagcgtc	tttcatcggg	ccccatggaa	960
aacttgtttg	aatgtggtgg	aagccaaccg	gtgccaaaaga	agccaagatt	gccaccaaag	1020
cgaaatgttag	cttgattgga	actttcgtga	agggcgtgga	aggaccggcc	cccttggatc	1080
agaccccgaa	cgcacttgca	tacccggaaa	gcaagtacga	caacctgcga	gccgggtttcg	1140
cttagaccta	agtttgagat	acccccagta	tacgacagtc	ttgttccttg	tcaaatattgc	1200
atgttctttg	cgtgggtcttc	aatgcacata	tatatacttt	acgcacgtgt	agatttagat	1260
ccaagctatg	ggacgagtg	ttcgaatttt	taaaaaaaaa	aaaaattcat	acgaaaaaatt	1320
cct						1323

<210> 5816

<211> 624

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(624)

<223> n - A,T,C or G

<400> 5816

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tggtttgaag	cgtaagcgca	gaaagatgag	tgctcgcagc	aaataaatga	ctcgcaccaat	120
ccatctcagt	tccccatgag	gtgctcacgt	tgaatgctga	acatgacaaa	agtcgacgac	180
gtcacgatga	tgattcccta	ttatgatcgt	ttcgtgggtt	agccactcca	acgggaacttg	240
gctgggtctg	tattctctat	atcctatcga	atccggagtc	ttatcattca	acgaaaaacat	300

acatccaatc	tcgcggggctc	tttcaacggt	ttcggatttt	gaccaggcag	gaatgcgcac	360
tacgtattct	tcgtctcgga	gggcgaatgt	gtttggtagg	gtttggaggg	gtcgtggaag	420
aagttgatgg	tcacgtttct	tatgtactat	ttgttttcat	tccacaggcc	ctttgggttc	480
cgtatgggat	ctgggtcaatc	actcttctta	gggcttgtgc	tgtagcttac	agttcctgtg	540
caagttctga	gccatggaga	ggtcacgcag	gatttatcac	aaattaataa	gtttgcaatg	600
aaagcaatga	ctgaaaaana	aaaa				624

<210> 5817

<211> 578

<212> DNA

<213> *Aspergillus oryzae*

<400> 5817

caaaaaaaaa	ggcccccttca	aaaggggccca	aaaaagcctt	ttttaaacccg	agacccaaaaa	60
aacggggccct	ttggaaaaaac	ccaaaaaaat	ggccccaatcc	aacctttgaa	acttgaatttt	120
ttccccctttt	ggcccaaacgg	gggtttttttc	cccccccaaaa	aaggtaaacc	cttttgggggt	180
ttttaaacccc	cgattttcaaa	ccgggggggca	accatttggg	aaacccccccc	caattcctta	240
ccccccggggc	ccaaggggatc	tttccccccg	gggaattctt	gaccccttcc	ccgggaaata	300
aaaaaaaaacc	tgggcgggttg	ccctttttggg	ctccccccag	aaattttacc	cgaacccccct	360
tggcgcgtttt	taaaaggacc	tttggccggtt	tccccctccc	cggaaatggg	ctttttgggt	420
tttggaataa	ccatttttaa	ccccccccct	ttatttttag	gttggccttt	tagcccgggg	480
ggccggggcaa	aaacccccct	tggggaaaaa	gggtttcccc	aaaacacttg	ggttaaggaa	540
ccctgggggaa	accgaaaggg	taaaaaacgg	gggatacc			578

<210> 5818

<211> 459

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 5818

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tatcagatgc	caccgaacaa	ttaatctccg	cgctatcttt	gcaacctctt	gagggaactg	120
atgtggccct	cagcaacagc	acacacacgc	tcaagctctt	tggaaagacg	gtatcaggtg	180
gcgggggttc	agccctgata	aagatggcat	tctccagcaa	gaccgggtgc	acgacgaaga	240
ttaccgtgcg	ggcggaggaa	gaagcgtcgc	accggctgtg	attgcatccc	tttccctaagg	300
ttgtaaatgt	taaatggtaa	tggaggaggt	tgtcatgtca	ggaggcgtac	cctgcaacga	360
gtcctgcatt	atgagatcgg	acttgttttg	tttgttcttt	tcccaatttt	tgataatcca	420
aatgtcaagc	tagatatgat	ggcttttttt	tcttcttan			459

<210> 5819

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 5819

gcaagcgata	tccgtgatac	atcgtgcctt	ttctctcgrt	ccgaattacc	tcaattacga	60
agtcgcgggtg	ctacggagta	atatggctgc	gtgctacctg	aagctggaag	actggaaaagc	120
ctctgttgat	tcagcaacag	catgtctcga	ctgtctagag	aaagtgggtcc	catcggcgcac	180
tgagaggagc	gatgctcccc	aagaaaagca	gcaagagtcg	ggctcgacag	attcctgtgtg	240
ggagataaca	tgtgatgatg	aagaggcaga	acaagaagag	ctcaagcggg	tgcagaaggt	300

taacgaaagg	aagaatgacg	ttatgcggat	tggggcaaaag	gcacttatgc	gacgtgcacg	360
agcaaagtgc	cagcttagcg	gatgggggaa	cctgcaagga	gccgaagaag	actacaagtt	420
acttgccagt	atggacaatc	tatcgctcga	tgataggcgc	attgtgcaaa	aggctctccg	480
ggagcttccg	gataagatag	ccaaggcaag	agaaaaagaa	atggcggaga	tgatgggcaa	540
attgaaagat	ctgggtaacg	ggatccttan	accatttggg	ctttcgaccg	atattttcaa	600
atcacccag	atccgaatac	gggtggatat	agct			634

<210> 5820

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 5820

ggcgggtgaa	ggtctgggag	tggaatgctg	ggtgggttggg	gctggcgctg	gctggtgctg	60
gggcgtttat	ggccaccgag	gggttgaagg	atltgtatgg	ccggcccaga	ccggatatgt	120
tggttaggtg	tgatccta	ttgagtaata	ttggggatta	tgtggttggg	gggcttgggg	180
ggaagggtga	gggtgcccc	acggtggtga	gttgggaaat	tttgtaaaat	aggggaaaaa	240
atgttggttg	tggaatgggt	taaaattttc	cgaggggcat	tttttttttg	cctttgcctg	300
attgacctat	ataattcttg	ggtttgcccc	aaattcctta	tggttatccc	tattttgggc	360
aattccccct	tagacaaaa	ttttctctcc	aaaaaacctt	accattttcg	acatctgaag	420
agttgcccc	acccttttat	tggataccct	cactttggcc	caagaaggat	ctattttttt	480
aaatttccat	cggctggttg	ttttaatttc	gcataaatat	tatctcaatt	ttttgcaact	540
cctctattga	taatttttac	accacggggg	gattataact	atattttaa	ctcactatta	600
aatgtggtag	ggtgggtgct	ttaatgttgt	cattaataaa	aaattttac	ttcttttttt	660
ttgaatgata	taaatttcca	aatatatatt	ggtc			694

<210> 5821

<211> 577

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 5821

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aataattatt	acccccaaaa	aatccccct	attgggaaac	ctttattcca	aacccccaaa	120
acctactagc	tcttttcaaa	cttaaatgtt	tcccaatcac	cccccccaat	gaaatacccc	180
aatatataat	acttttcccc	attttcaaaa	cccaaaatcc	ctaagataaa	ccccccaatc	240
cgggttgaaa	caccccccat	ataaacttgt	gaaccggagg	acaatttgtt	cttatccccg	300
tggaacacaac	ccccatttct	gttccccacc	ccaaaaaatt	taacccccct	aatacgcaac	360
ccgatgtttt	tcttaaccca	agaaaaaaat	tttcttttac	catccccggg	agggggcgca	420
aaaataattt	cgataacaaa	tttatgaacc	ctcaaaaata	tccctcgac	catattaaag	480
aaaaaaaatg	atcttatcaa	ataacacact	ctcaccatcg	cactaaactc	caacaatata	540
aaaatggtgc	ccccctccac	ctttgtcaaa	cacacct			577

<210> 5822

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<400> 5822

ccccagacca	cttcaactac	cacctcacag	gtctcgctcaa	ccacaaccaa	aatgggtatc	60
ttcgactaag	acttctctct	ctcccaactc	ttcatcagac	ccgcttacc	gataacatca	120
ttcaccaccc	aaacaatcat	aatcacgggc	tccaacgtcg	gcctcggcct	agaagcagcc	180
agacacttca	cgcgcctcgg	tgacgcgaaa	gtcatcctcg	ccgtccgcaa	ccgtctcgcc	240
ggcgaagaag	cccggaatc	catcgagaga	tccacgggga	ccacgggcct	ctgcgaagta	300
tgggatctag	acctggcatc	ccacgaatcg	gtgctcgcat	tcgcaaaaga	agtagccgag	360

ctcccacgtc	tggatgtatt	catcgccaat	gcctcgatag	caaccggtag	ctttcaactg	420
gcagagggcc	atgagcggac	tataacagtg	aatgtgatta	ataccattct	attggaattg	480
ttggtgttgc	cgacgttgcg	gaagagtgcc	aggttacatc	ctggtacgaa	gcctcggttg	540
acgacggttg	ttagttaggt	gcatgcctgg	gctaagtttg	cggagcggag	cgccgagaat	600
gtgttttaag	ctttggatga	taaagagcag	gcgaaacatg	ccgagaggta	tgagttgtcg	660
aagctgttgc	aggtactctt	gttgcgcg				688

<210> 5823

<211> 1095

<212> DNA

<213> *Aspergillus oryzae*

<400> 5823

taattctatc	tctccatct	ataactccaa	gccaaaccca	ggcgttcgtc	actgagatct	60
ctcccacttc	ttagttcaat	ccttcgaagg	aaaacaaaacc	cccattttaca	tcattccatct	120
ctcccccccta	ctctactcca	agcagcccaa	aatgggaagga	ctataacttcg	actccagtcg	180
acctataaag	catgtcgaca	gaaaggccat	ctagacccggc	ctogaagccc	gcattcaacta	240
tctccaggac	ttcctggact	tcaattccgc	tgacgtcgaa	gccctgacaa	ccggtcccaa	300
gtacatcaaa	gctctcated	ccgcctcgct	caacatcgtc	tacaagaagc	tcctggaaca	360
ggatatcacg	gccccggcct	tcacacacag	ggatactagc	gacgagagac	cgatcgagga	420
gtttacaat	gaggagagtc	cgcagatcat	gcgcgggaag	atgttcctcc	ggtggtactt	480
gaccaagctc	tgtccggatc	ccacgcagac	ggacttctgg	cggtatctga	ataaagtggg	540
tatgatgcac	gcgcacacag	aacgcattgca	ccccctcaac	atcgaataca	ttcacatggg	600
cgcttgcttg	ggcttcated	aagacatttt	caccgaagcg	ctgatgtcac	accgcgtct	660
gcagctgcag	cgcaaggttg	ccctggctcg	cgccatcggc	aaaatcatct	ggatccagaa	720
cgacctcatc	gccaaatggc	ggatcccgca	cggcgaagaa	tacgccgaag	agatgtcgca	780
aatgaccttg	gacgagcgag	agggatttct	cggcgacaag	aagatactgg	gcgacaacag	840
cagcacatcc	ggccactcga	acgacgaaga	acgtttcaat	gtgcacaaca	accccagtat	900
agcacccaac	attggggccc	tcacgatctc	gggggggttc	tttcgcgata	ttggcatgga	960
caaattggcg	gcggcgacat	tgagaactaa	aaactgggct	ggggaagaaa	ttgaaccaca	1020
cttttgggtc	ctgggcggaa	aaactatatg	tgagaaacaa	atttttacgc	ccccccgcag	1080
gggagacctt	tgggg					1095

<210> 5824

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 5824

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tgcgcaccaat	gatgcgcacc	gccaccggcg	gagctctctc	cgcgcgttcc	ttcagctcct	120
cctcatcgcg	ctcagtagct	cgtatgatca	tcaccggcgg	tctggcggcc	gctccggagc	180
tgcaggccac	ctcatccggg	caagatgtta	tcagatacac	cgttgctacc	tcgaccgggg	240
cgcgcgaaaa	ccgacagaca	agctgggttta	aggtcgcaag	cttcgaccag	ggtgctcagc	300
gagattacgc	gttcgggttcg	ccgaaggga	cccttggtta	cctcgaagga	agcgccagcc	360
tgcgggactg	ggaagattct	gaggggaaga	agcagaccac	cctgaacatt	gttcaacgga	420
acctcgaggt	cctcaagcgc	ccgcacaaat	ctaacgaaac	tgagtctgcc	taagcttcgt	480
cgcgcgaaca	aaagcctgga	caaggagaaa	tacatattag	cttgatgggg	gggtatccag	540
agattagagg	ctttctgtga	tcctctgtag	gttttatcgg	tgaacgttga	atgggcata	600
tgtgtttctaa	ctggattttg	gatsatacgg	ctttctgtatg	gtaqttttgtg	tacaagtata	660
cccttggtata	ctagcgtctt	tttagcataa	annnnnnnnn	nnnnnnnnnn	nnnnattcct	720
ggggccgggtc	gagct					735

<210> 5825

<211> 574

<212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

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tcttgtaact ctgcgctgca tggcggttag cgccagtgcg ttccattacc cggactttgt      120
cccattgcac cgtcgccagg aaccgggtac gcctgaatac gattgccatg caaactgcgg      180
gggggtaatt gttgctgctc gtaaagacgg ctactgcgat accgacactt tcaaaactga      240
gttatctgac tgtctcaact gcgcctcaa gtacgacatc tggaaagtatt acggcgcgctc      300
cgtttccaaag gccgctactg gatgtgggtg ggacgccacc cctgtcgaag cgtcctccac      360
tacgactact gcagctgcta gcgcagcgc tactgaaacc ggaagcccaa tcacctcatc      420
cggctgctcc acttcgactg acacggctgc aaccacgggt gtaacgtctg ctgctcttag      480
tgctgtgccc agctctagcg gtgcggctag ctcgacaccc gcggnctcta ccgttgcttt      540
ctctgcgaca cctttcccag aattcgactg gtgg                                     574
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<210> 5826
 <211> 1198
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5826
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gaaagagtaa aggcacttga agagaagggt caacgcctgg aagctgctct tgccgaaaag      120
gaggctgctt tggcggagaa ggatgccgct atagcgcta aggatgccga gcacgagacg      180
aaagctaaag aacgtataga gaaattgaag gagactttca acaacaagat ggctgaagtc      240
aggacggccc accgacaaga gatagaaaag ttgaggacta atcaacaggc cgcatacaaa      300
ccgcaagaac ctggaacccc tgtgtcgaaa ccaaaccagg ccccgcaac tctgcaaaag      360
acggaaggag aactaccgca actcaccgat gagcaagcta aagcactggt tgctaagaac      420
caaaccattc gggccattta ttccaacaat tatccgaacc atgcctgctt aagaaaagaa      480
agaaacaggg ggctccaccc ttccggcgggt gtgaaccaag aaaaccttgg ctcccatggt      540
gcaaaagtcc aatgaggaga aggaagccat caagaaggct cagaggaag gtgttgaaga      600
gagaatcaaa tcagccgtcg agctatctga taagaaaacg ttggtcaaga tcagtatgct      660
tgatacacgg tgtagaaatg cgcaggcgaa gatcgacgtt gttcagaagg cggccaccga      720
gactcctcag aagcctgttg ttgagggtgt ggaaatagcg aagacaacta aggctccgcc      780
tcaaacccaa aagcttgcac cggctgcacg gcccgcacaa gtacgctgac cagcgcccgc      840
gccaacacct acgccaacac caacggcagg agtggtagcg acccatcac cgggtccagc      900
accgacacca gtgcccactc cagcgctgt caaccagcag caaggcccag cagcaaccgg      960
ctctgtagtg acggccactc aagccaaggg acctgcccca gccgaaattc atggcccagg      1020
aaatgtacag caaaagccat gaacagctac caccaccac aaagtaccga agggccagca      1080
ccaccagcgg cgaatgcgcc tgtgaatccc tttggacaaa gcagaataaa cagcctacat      1140
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<210> 5827
 <211> 694
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5827
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cggggagaaa gtctaccaac gatataaaac aaaaatccaa cctttaattt catattgcgc      120
gttctttgga caaaaaattt aacaaataaa caaaatgggt ttctcgtcgt ctgctgtttt      180
cgcgctgttg gccgctgggt ttgtcgttga ggaagtgcgc actgttattg ttaccgaaac      240
cgccacttac tgccctaagt ccaccgatgc catcggtgtt tctcccaccg agtctatcag      300
cctccctgct ggctacacca ccactgttcc tctcatcacc tcgaccgtga ctgagtgcac      360
caagtgtccc agcaccgccc ctctgtctgg cactcccact ggctcaaac ctgttggcag      420
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ctctaccccc	agctctcccg	ttattcccg	cggtccaagc	gttcccgggc	tccccagcag	480
ctccaaggct	actcctagca	gcagctccat	catcaagcgc	cccagcagca	gcagcatcgt	540
catctctctc	acccctctgt	cctcgacccc	tctggctcac	cccaccaagc	ctgcttccac	600
caacgctcct	cctgctcctt	ctgcttccgg	tccctctgat	ggctctcccc	accgggttcg	660
ctaccacccc	cgtgtccct	ctcttcaacta	gcgg			694

<210> 5828
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5828						
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ccagacttct	tctgtctgtg	agagtccttc	cgatgtcgag	accaccggcg	ttgtctgagac	180
tgccagtgc	actgccactg	ccactgccac	tgccggcgct	gagaccggct	ctactgtcat	240
tcccaccgtc	acctctcagc	ccgtgatccc	ctctggaacg	gctactgaag	cccctactac	300
ccccaccggc	agcgggtgcg	agtctccgg	tgctgtgacc	ggctccagct	ctgctgggtc	360
ctctaccctc	gttaccaagt	ccagcagcgc	tgccctcagc	acctctgagg	gcgctgccgt	420
ccccatggcc	actgccggtc	ctctcgggtc	cattgccggg	gctgccatcg	ctgctctcct	480
gtaaatggac	agctcgtgat	ccattaaacg	cttggctgat	tgacaatatc	gctntcgttc	540
tcaagcatta	gtgtgtctcc	caagcggact	tgtgctttat	ggaccttccc	cctccgacta	600
tcccagctac	cgggggatagc	gggacgaaaa	gagatgatgc	atacggatac	tgaagtccat	660
tttcatac						694

<210> 5829
 <211> 618
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5829						
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gacgataaga	gccttctctt	ctgcctcgac	gagggcctca	atggaccgaa	cggcacatta	180
acttcccttc	aagttggctc	cgatgggtcg	ctgtctaaag	ttcatcagtt	gcagactgta	240
ctcgggcccc	ttcaatcaca	cctttatact	gcgggagatc	gcacattctt	tgccgtggcc	300
cactactcag	ggtcacgggt	gacagcatat	gcccttgacc	ccagtgggtg	ctttaccctg	360
cgcacagact	tcacatataa	gctggacggg	cctggtagcg	atcccagacc	gcaggatgca	420
ccacaccccc	acggtgtagt	ccttgacccc	acaggtcaat	tcattctggg	tcttgattta	480
tgagccgacc	tcgtacgcac	cttcgcgcat	aacccttcat	cgggggttgt	ggagccgcag	540
acacctttgg	ctgggtgtct	caggatctgg	ccccagacac	ggtacattct	ggacgccccaa	600
aggcgcacgt	ctcggctg					618

<210> 5830
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5830						
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cacatgctca	acatgttcaa	tacagagaaa	acgctcctcg	accagggcaa	accaggcacc	120
ggcacgctga	tgctgtcctt	cggtcgcgaa	tccaccgtcg	atccccagag	caataagact	180
gttcttacc	tcgacgaaat	cctgggcaat	atctacgtga	tcaacttcgc	tgccccacgat	240
acaacagccg	gctcccttac	ctacgtccta	ttcttgcttg	ccgcctaccc	caatatccag	300
gaatggatcg	cagaggagat	ccgcaccgtc	ttccccaaac	ccgaccgcga	cacatgggat	360

tacaaggaag	ctttccccc	actaaagcgg	tgccctgcag	tagtcctcga	aaccgtccgt	420
ctctaccccc	ccatcctggc	tttaccctaaa	tccgtcgccc	cgcaatcaac	cagcctccgc	480
ctcccagaaa	gcaaccgcac	catcgctctc	cccaagggaa	ccgtcgctct	ccccagcctc	540
ctcgccgctc	aaacacaccc	gaaatactgg	cccgcacgagc	ccaccacctg	gaatccccgt	600
cgctggatcg	aaactttctaa	cccaaccgcac	gccaccacca	gcacaccgga	agaccacctc	660
gcaggcgaag	aa					672

<210> 5831

<211> 1513

<212> DNA

<213> *Aspergillus oryzae*

<400> 5831

tagtttggtt	ggagacacct	gtgcactggt	tgcatgtggt	tagttgtttt	gttcaattca	60
ttctactata	cccttaataat	catctttctc	tacttgcccc	ttcacctctt	tgatatcaaa	120
aaaacaaaaa	tcataactca	atccccctaa	cagacgagct	gtgctctcta	atacccccat	180
ttccattatc	caagttctga	ttttgacagt	tcaactttgt	cgtctgtcga	cgctctccat	240
cagcagctca	caaccttgct	cagccttggt	cattttatcg	ccgaggcttt	ttactatctt	300
tttctaattt	togtgcgtg	gactggatcc	gcgagcaata	ctggttgata	ccgcagtcaa	360
ccaaccaaca	aaccaacacg	gacttgattg	aatcggtctc	ggtagtcttt	cgactcaagt	420
cttatatctt	ctgcacgaa	tactgtggaa	gagtgttttc	atctttgact	tcgacacgat	480
aacctataca	ttcacctga	atattattaa	tctttagtct	aactacgtca	atcactcaaa	540
atgtccgctg	tgcaactcaa	gttcaactct	cggacttctg	ccaatgtcaa	gactgtccac	600
ctgcttggtt	cttgggacaa	ctactcccg	cagatccccc	tctccaggga	tgagggcaag	660
cccggttcat	gggttgga	gttccgcttc	cagacctcca	tgcttaagct	cgccggccgc	720
tactggtact	attacatcat	ggatggatac	cagctctccc	atgatcccg	cggtgagtac	780
accattgagc	caaccaccgg	ccgcaagctg	aacatcctcg	atgttcccg	aggtagcaag	840
aaatccagct	cttctgccc	gaagcccaga	aggacctccg	atgaggctct	gaagggccgt	900
gctccgtccc	cgtcgaagat	ccatcatccc	aagccctcca	agccctacgc	ctcccgcaca	960
atccgggaga	cgcacttcgc	tctaccatg	gaggacctct	ccatgcgctt	tgccggatcc	1020
cgctgtcag	acgagtactc	cttttccaac	agccccccca	gctcagttgg	ctcaccctg	1080
tcttctcggt	cttctcggtc	ctctggcagc	acctctccct	catcgctgtc	ttccatgagt	1140
gacccagcta	gcgtctgccg	ctgcgagcgc	tatggcatca	ctcggaagg	cgaccgcgtc	1200
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tcagagtcgc	acagtgacga	ggagtaccgc	cgggcccgcc	gggtgttcg	tcgccagggt	1320
attgttggtc	gtcggtaaat	catgcacttc	gtggaatctt	ttacttcgtc	aattttacgg	1380
agatgggttg	accccatccg	tcaagcaatg	tcaatcaacg	tgcatgttta	cagccatgcc	1440
atgatgctcg	gaacacagtc	tctccttaat	aggacttgga	agagaacatt	tttatacaca	1500
aaaaaaagaa	aag					1513

<210> 5832

<211> 175

<212> DNA

<213> *Aspergillus oryzae*

<400> 5832

cgatgcatat	cgtcgccgta	taaccatgga	ggaccacctt	cgacctcgag	tacacaaggc	60
atgcgacgcg	tgccgacgaa	ggaaagtctg	ctgcaatggc	cagcaacgat	gccagcaatg	120
tgagcacatg	ggcctagtct	gcacatacac	cgataatcga	ctgcgcgat	cacgg	175

<210> 5833

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

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<400> 5833
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atcctctgtc gctgggtgtg tgagcagcat gcgcggcccg atcgggtctg accaaaggca      180
gcgggtgctat gcccgctttg ccgcactcct gtgaagcaga agctccgcat ctatctctcc      240
taatcccact actacaatgg aggataccat gtgtgggtgga atctacgatt tacgaccgtt      300
atgtagtga tctcgagcct ctcttgtctt tcttgttctt ctctgacttc gttcgcttat      360
tcttgtccat tgtcccatat tttggactaa ctggggcggt gatcgcata tttggagtac      420
aggttccagc gaacgactat caactathtt ggtcacatga tcttcgccag tgcagattgg      480
cactgagaca acaacttcca taatgagaca gactagttta cgggttccag aatgggtctt      540
agacactacc cgtatctacg gtagacatgt tttgcaattg catgaatata tcttgtttnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn n                    651

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<210> 5834

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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<400> 5834
cctgcgcgcc gacgcgcaga cccacgaaag atcttttttc ccgactccgc ctccgactct      60
aattcatata acttcccctt ccatactaca tccgggaacg ccaacgttat aataggcgcc      120
actcagagac ttaatcaatc actggctcga tcagcgggtg tggctggcct aggcctccca      180
actgctgcgc gaagctcagc tcccgcaact cccgcgggtg gcaccgctca ttttcaccaa      240
cgacaacgtg aatcatcagc tggcgctgtg gagaacaagc gacggcgtct aaaccttca      300
ctagggagcg taccagcagc atcgtcgaat ctccgacaat cctctctagg tcccggcaca      360
cccaaaggag gtacacacag ttctagtctg gctggcagtg ccgggccacg ctcatcaagc      420
acaactaaaa aagccttgac caagaagggt gcacctcacc aacaattgaa aaagatcaag      480
gcatactctg gattgaatgg canatcaact aaacggctct ctagcgctag tggcgcgtac      540
aaacttacta caaagaaatc gccttccgcc ccggggcgcg atgaagacga agatgattcg      600
atgctcagta acgccgatgt ctccgactct gagaacaaca ccgatggccc gcgcggaaga      660
tgatgaccat ggaaaagaag a                    681

```

<210> 5835

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5835
ccacgggtata tccagcgctc tcatcccacc cccaacaacc aaaacgctac tcgacctagt      60
ccccacaaaa ttcagcacct tcgacctcgc catcctcaaa accaacctca ccataccga      120
aaacacagcg aaagacacag ggaaaggcca cactatcttt gccccctcca acacagcctt      180
cagcaaaact ggccctcaaaa tcaacgcgtt cctgttctcg ccctatggcc agaaatacct      240
cctcgctctt ctcaagtatc atattgttcc ggatcggacg ctgtactcgg atgtgattta      300
cagcgaggag ggcgagatcc ggccgtttgg ggtcaagggg ttcacgcatt tggatctgcc      360
gacgttggtg ggggatagga ggttgagtgf tgatgtggcg cgggtttggg cgaatgcttc      420
gttgaagggt aatgggtttc agcgggtggc ggttcgggat gccttggggg gggatggaaa      480
tgtgcacatt gtogaacagg tcttgggtcc gccgaaaaaa gtggtggagg gggcgactga      540
atgcgaa jag tggaaacgag agatgaagggt ggaggggctg aacgaacagg ttgccccggg      600
ggtgggtgga gatcccgatt aatatatgac aggggaatgg agttgagggc ccatgccttc      660
caattgtgat cgggaggacg accctcg                    687

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<210> 5836

<211> 724

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(724)
 <223> n = A,T,C or G

<400> 5836
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 gagttccata ttcgggacca cctgaaggac ggcgagatct ccgtgcggca caccgtcacc 120
 gaggacggcg aattccaaga cccaacaat cgtagaaaat cgatccatga agacgtgac 180
 gacgagatcg tgatcccttc cgacggcatt ggcgaaatct gtgcccacgg acgtagaggc 240
 agtgaaggtc gtctggacct gtcccatggc aacgacaaga tttgcgaact gcattgggac 300
 gatcgtgatg ggagacgcga gaacctgggc gagatgttgg acgaaaagtga caaatacagg 360
 atcgagcatg ggggatggag ccagaggcc aacggacctc tgggccatgt ttacgttgac 420
 gtgtgggcta aggacaagag caagtagtct ctctccctta tacgtgatac cgtagtcttt 480
 tacgggtgta gtcccttttt tcttttcatt atgagtncaa cttttttttt tttttttttt 540
 ntcttttttt tntntnnngg cgtctccatg ttccagcgaa gatgggacat attttgatat 600
 cataccaaga gaaaccact atattaggaa cgaagctcga ttgttcncc cnnctanaan 660
 ngttntatta acaaaacact tttattccct tgctgggtcc caaagttaag aaaataccgg 720
 gcgg 724

<210> 5837
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 5837
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 ccaacgcca cagatcgtc ctgtttgacc gggcgcttct ggccatcgat ccagacatgg 180
 cagtcgagat ggggaccttc acagatgagc tttggaagct cgtgcaccgg tcacgattag 240
 ttgacaccac ggaagtcaact cgaatcctgc gccagtatag ctccgcattc aagtccctacc 300
 tgcagctgcc acccgaggcg cgcccgaaag aaacgcctgt gatccgtact ttgctagaga 360
 catatgccga gctaggaatc catgaggacg accgtgccgc catgctggtc atgatttget 420
 gggcgggcga tgccaatgcc taaaaagctg cgtactgggt ccttgcatat attctgtacg 480
 acccccagct gggggaaata atacgtcagg aaacagcacc cgcggtcggg ccagacggca 540
 agctggactg gccttatctc gctaagcgat gccacgact ctcgtcgac tatcacgagg 600
 tcttgcggtt gaccaagcgc gatgtcattg ttcgacaggt cgtccgtgac actgcctcgc 660
 cggntaagcg gntacggaaa gacagcattg cn 692

<210> 5838
 <211> 553
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5838
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 aatatccctc ggttgatacg caagactcgc cctcgacaaa gcaaccacag cgtcactcct 120
 ctccctctca agccaatgct caaacatatc aattcccgca aaagcaggac cccagtcga 180
 aaaacttgca atgatcacc atcgagccgt ctcccaagta gtctcgggac aatccttctt 240
 gacatattca agaaactccc aattagttgt cgcacgttta ccacgaagca agccggcctt 300
 gggggccaca ataccaccag tgcaggtggt gaaaaaacaa tcgacctcgt cgaccttcgg 360
 gtgcaggat tccaggtagg agtctgggat gttgttccag aaatcggggc cagggccgcc 420
 taggaggata gcgtcgagtt tgggacattc ggccaaggtg gtggttggtt ggattttgaa 480
 gcgctcacc aggcatacag tjtccatttg tggggcgatg tattggaaaag tgatgtccat 540

accttgggca acc

553

<210> 5839

<211> 564

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 5839

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ctttgctgga	cccttttttac	tatcatcaat	tcataccctt	caaaccttca	aactacttta	180
ttcactatgg	ccgganactt	ctacgagtc	gctgaggctg	tcggtcttga	tgggcccgtc	240
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gctgcggaag	tcgagttcaa	tttcgaagga	gatgacaacg	tgcccatcct	ncgtgcccag	420
ctgcgggaca	nggagggaca	gtgggtgcc	gctgatatca	acttgggtga	aaggcttatc	480
aacatcaatg	gtcacttcga	gtccaatat	taactggtct	gactcctgat	atctatatat	540
gccttgaaat	aacgggggat	gccc				564

<210> 5840

<211> 1185

<212> DNA

<213> *Aspergillus oryzae*

<400> 5840

ttgccgagac	tgagcaggtc	atgttccaac	ctggccacat	cgtccgtggt	gttgacttca	60
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acggcgggac	caacttcgag	cagctgcca	tcaatcagcc	tcgctgcct	gtgcacaaca	180
acaaccgcga	tggagccggc	cagatgttca	tccccctgaa	ccccaacgcc	tactctccga	240
acaccctcaa	caagggctct	cctaagcagg	ccaaccagac	tgtgggcaag	ggcttcttca	300
cggctcctgg	acgcgagtc	actggccgtt	tcacccgtgc	cgtcagcccg	tccttcgagg	360
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tcgtcgatgc	tattcgtttt	gagaactcca	acgtcaagag	ctcggtcgta	cgcaacaatg	480
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ctactttctc	cttccactgcg	cctagcaatg	ccacctctc	gtccactctg	ttcccggccg	900
gcggcccttc	gcagattgtc	atcgatggat	tccgtttcgg	aaagcctggt	ggtgccgtcg	960
gcagcccgcc	tactgcgctc	aagaacgcgc	gtatccagac	ttctcgcgac	ggtgtgtacg	1020
tcgacaagtc	ggtgactagt	ggattcgtcg	atggtatcaa	ggacggtctt	cgcactttca	1080
agttccctga	cgttttcaag	ctggaccatt	aagccggcgt	gtactattag	cccagccgag	1140
gatttgtaac	catcggggca	tcttttactc	aacattggcc	gatct		1185

<210> 5841

<211> 1216

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1216)

<223> n = A,T,C or G

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<400> 5841
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tccagcaacc acagcggaca agcattgagc attccctctc ccatacaacc actacttcc      120
catccaactc ttccctcaagc cttccagaaa ggcccactac ctcaactcaa tctcaaacaa      180
agtccaatca cctctccctg aaagcaggaa gactcttcgt tccccgtct cgtctcggg      240
ccaaatcccc cgtccttagc gacatcccaa ccaccacacg cagcgtcgc tccgactcag      300
agagcaccta catcctcaaa cgcgacaaaa tggctcgcac cagcattccc cgtcgtctctg      360
agagccccac ccaaagtgtc cccccggctt ccccttcttc catcaaggag acccactcca      420
caaagcgcag atccgacgcc taccactccc gcaaattccag tgacgactac cgtcgtctaca      480
gcggaaccgt gaaccactac ggtcgtcact cgaacgactg gttgttcgga ggattcagtc      540
ttcgcgacac tgtcccgggc ggtgttggcc gcttgcgcca gcgcgatgac aagagctgaa      600
tgaagaagtg gttccgtcaa ttctgacgga ttgtttctca tcttcttttc ctctataccg      660
ctcttcggct tcgggtatata tgggttatata gccatgactg tcattatcta aggattatgg      720
cagcggctac ggggtactct acccacctat ttcggtctcg gattgcctct tccacttccg      780
agtgaagatta gatcattggg actgatcgga ggtaatgtct taccacagag ggggtagact      840
atcttgtcat cgagttcctg qgatgttttc agttccttat ggaggatttg tgttcgcctg      900
tatgggaata tccctgenacc ctacctgcct gtcagggtttc ctttgctgtc attgaatgag      960
cgggtgttgt atccggttat gcaagcatcc taaggatgga gcatctgttt tcttcatttt      1020
ctcggttgta ccgagacata ccttgtttat gagctatgtt gccatgacct tttgcgactt      1080
gcgagccaaa ttgccgatgt tttccttttt gtttaattgac cgaagtgggc tttaaccttg      1140
ttcagccctc ttgggtactg agttataacc actaatcaca atatgattga acgggaagaa      1200
atgcccttct ctcatg

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<210> 5842

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

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<400> 5842
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aactacacct aatgagttag aggaatatca tctggcgaaa caaataaagc tgcccagcca      120
agtagccgca agtgcaggcg gtctgaataa aacaaattgg gagttggaga ttcgaaaacg      180
ctatgcgcaa cctctggcgt cagagactgg tgagttccca gatgcggaat ctattcatgc      240
tcgcatgata cctatatgct acgaagagtc aattgtcagt ggcgcgggac taccctgcgc      300
tgagttcatg gccattgcc a ggaacttt tgtgaaggaa gttttatctg tcgtattctc      360
ccgtacgagg tctaacggac catctggcac tatcaatggg atgatgatgc gcaagtatcg      420
tcagcagctt gaaaggggaag aattggcttt cacacgcggg gagattgtga aagatggcgc      480
aacgggtttg ttacctgtcg aggccaaaga agcaagtatt agaaagcccc tcgggggtcag      540
agacctccgt ttggcttttag agcttggtgg gggagttctc agtcatatgc cactgattgt      600
ggatcaaata atgggcgggt accttgagga tgagcttgaa acggacaaaag cagaccgagc      660
tgacgatgtg gcggatattt ccaangn

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<210> 5843

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

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<400> 5843
cccacgcatt aggcgcacat gaatcttggg aatgtcaagc agggggggccc gattacaaag      60

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tttcagaaag	aagtgcccg	aacgtccgaa	aatagccaac	ttggagagct	tgttctaagg	120
tggtctcaagg	aagatctcaa	ggccagaggt	cctagaaatg	ggcggcatgg	ccaagccaag	180
acctacgagt	cgtttgatgg	gaggggggga	tatggatttg	aaaaacggaa	ttgaatcaat	240
tcctctaate	ctgtcagtea	ctcttcttag	ttttgaacct	ccctcctacc	ctccctattc	300
ctctcttctt	cgcggnet	ggttttcttt	ctttctttct	ttctttcttt	ctttctttct	360
ttctttcttt	ctctctttcc	ttctatctct	ctttctttct	ttctttcttt	ctttctttcc	420
ttctttctct	ctttctttct	ttcttattt	ccttctttga	taatgaattc	attcatcttt	480
gtggctcatt	caacaatatt	tactttttacc	atggcatggc	atgcaagaaa	agggcctcac	540
tgcattggaa	tatgaggatc	aactcccagg	gatatattca	acattcgata	attccttcaa	600
catgcataga	cctcgccgat	gatctttgtc	ttgcggtcgc	atatatggca	tatttcatct	660
catgaaacca	tatn					674

<210> 5844

<211> 590

<212> DNA

<213> *Aspergillus oryzae*

<400> 5844

tygagcgta	ttagtgggce	agctgcccac	caccacacac	cccagcagtc	cctaatatct	60
gctgaatcgc	tacacctccg	cattctacat	cgcctcggat	catcaatccc	tcacaatggc	120
cgccatcgcc	cccatacccg	gcatgctccg	ccggaacctc	gtcctggacc	tgagcaccgc	180
tttcggtttc	ggtaactacct	tcggctacct	ctgggtgtac	ggctaccacc	tccccgcgt	240
ccgcgcccgt	gacaactact	acgtccgtct	ggagcaggag	cgcgctgctg	cccaggagta	300
aatcttcgaa	tcatgaccca	tgcatagaacc	tcgctcgact	ggatttgtca	aggataaccc	360
gatgatgctt	gtttcgtttc	ggtcgcgttt	cgctatagat	gtctagaagg	aatgggactg	420
gtgttggttg	ttcattagtt	gggttgggga	catgttatgg	gagtgagtca	gtgaggttga	480
attaaatgtg	aagtattttga	tttgaggctt	gcagttacta	cgggttagtt	gtttgaatag	540
ggttggtatat	attaaaaacca	acacacggca	gtaacaaaaa	taaaattcct		590

<210> 5845

<211> 964

<212> DNA

<213> *Aspergillus oryzae*

<400> 5845

cttccagtc	aatcgcagtc	gatctgcctg	ttgtcggacg	tattttctcc	attcatttca	60
tttactcgtt	cggatagctt	cccggagaag	tcgtttttct	gatcgaacgc	agttgacctg	120
tgaaaacacc	tctcgcaaac	cacctacaag	accaatcaat	cgtccccaac	caaacatcat	180
gcggtcttcc	ttgtgatgg	gcgctctttg	cgcggccggt	gccatggcca	acctctctga	240
caagcggggc	tacactacag	actggacggt	cgtcacgggt	accactacca	tcaccgcacc	300
tgtgccccct	gctgctaccg	cttctctctc	cacctacgtt	cccgtccagg	aaccccgctg	360
cagagtgtgga	gcctgcaccg	gcaccggttg	aacagagctc	gtccgcgctc	tttgttgaag	420
tccccgctac	ttcttccgct	cctgcgcctg	cagagcccac	cgcgcagggtg	cagccaacaa	480
ccgctgctgc	tgcggccgat	caaggatctg	cctggacctc	tgcttgacc	tcgcgctgga	540
ccctgctctg	gacctcttct	gctgcccagc	ccaccactct	ggctagcacc	acctccagtg	600
ccagcggcgc	tactgccacg	aatgcttacc	agtcaaccgt	cttgtacaac	cacaatgttc	660
accgcagcaa	ccactccgcc	agctctcttg	agtgggatgc	ctctttggaa	gctagcgcgc	720
agaccctcgc	cgcacgatgc	gtctaccagc	atgacacgta	agagtacccc	tgctttttct	780
taggtgttaa	atgtactaac	agttttctct	gcaccattaa	tggcggtggg	tatggccaga	840
acattggata	tgggtgtctc	tgggaaaaga	ttggagagat	gatcaccac	ctgatgtaca	900
ataacgagat	gggctacttc	gaggccctgt	atggcgaggc	taaccccagc	atggacaact	960
toga						964

<210> 5846

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 5846

gcatgctgcg	cectgggggc	tacatggaga	tgagtctact	cgatctcgac	atgggtgaaca	60
tggaattcg	caccgaaag	gctgtcagaa	atctcaagga	gaggacctac	ctaacagact	120
ccagtatcag	cctcaagcct	tcaagcgaca	gcatacaacg	cctcctggga	cgacacgggt	180
tcgacaacct	acgacgctgt	atgggtacgga	ttccagtcgc	aggggtgatc	gtaagatcat	240
cagcctcacc	ctcatccaca	tcattcctcga	atccttccac	attagcgggtg	acagccacct	300
cctcaaccgc	actgtcacac	ccctccaact	catcgatagg	cgcccaggga	aaagcccata	360
gcaaaacatc	ctccaacgac	accgacctat	ccctcggaga	tctcctttca	gacctgttcc	420
cttccccctt	caacgacgaa	tcaatccgga	aaatcgtcgc	cagagtcggg	cggttggtgg	480
acacaagatg	ctacgagata	ccgctcctgg	cgaaagggtga	cgcangcctc	agcatctggg	540
ccgataagaa	agtactccgc	gaatgccaga	agcgaggcac	acgggttcgc	ctcttgatcg	600
catatgcaca	gaagccgagc	gagaaacgca	ga			632

<210> 5847

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<400> 5847

gaaccgaaga	catcgccctt	ggaactaaat	tctgcacttc	caacttaacc	aaagaaaaaa	60
aaaatgacaa	ccccggagcc	ccagccaaag	acatccgctc	ccacagaaaa	agtacacctc	120
ccacgcatac	cgatcaaata	ctgcacacaa	tgtaaatgga	tggttgagggc	tgcttatttc	180
gcccagagac	tctctccaac	attcagcacc	gatctaggcg	aggtagcgct	catcccggct	240
acggggggaa	tcttcacagt	aacgatatat	cattcctcgt	cggaagtggg	ggagacgcaa	300
gagacgatct	tgtgggatcg	gaagacgaat	gggggggttc	ctgaggtcaa	ggtgctcaag	360
togttgggtg	ggaatgtgat	tgatccgtcg	agggatttgg	ggcatacggg	tcgggcgttg	420
aaggctggta	atgtgtctgt	gaaggagggg	ggtgctgcta	aggtgagttc	gagtgaagga	480
aaggggggtg	agaaagtaga	tggggagaaa	aaagagtgtg	aggattgtcg	gtgatggggg	540
gaaaggggtg	gtattggata	gaagctaaag	gaatctgttt	gtgaacgctg	ttattaggtg	600
ggactgcgtg	ggaaaatttt	ggttcccatg	ggatgatatt	cctggtaatt	ttaaaactgt	660
ctaaattgct	att					673

<210> 5848

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 5848

cgacaacca	ttcactcgct	caatcaaaa	gaacccacat	caatcaaac	gaaacaagct	60
ccagccagaa	atatcaaac	cacaaccacc	aaaaagaacc	caaaaatgtc	caccccgga	120
cccccaattac	aacctgaaga	ccaatccctc	caacaagaac	aaccaacatt	acaaaaccga	180
ctccagtgcc	acacccacaa	ctgcccgttc	tgcacccacc	tctcctcgc	acaccccgcc	240
gacatccctc	ccctcccaag	cengaaacac	cccgccaaag	acaaagccat	catctgcccc	300
ctcccaacat	caaataacct	cgaggacacc	gactcctcta	acctacagga	acactacacc	360
atctcctctt	cgacaaagat	acgggatcgc	aaggcgaagc	tgtgcccggc	cgaggacggc	420
ttcnagaaga	gatngtttct	gcngtgtgga	cgggtgtcgg	ttgtgggtgg	gtattttctt	480
gacccgtgct	ttttccaatg	aactctgttt	ctgcttctgc	ttccgggggt	atgggggaagg	540
ccaagangac	caagagganga	naangtcttt	tattttctcc	ggggcccttaa	aqaaaaccgg	600
gtcatggggg	attaaggagg	ttaaaggggg	tataaaaatg	gagg		644

<210> 5849

<211> 822

<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(822)
<223> n = A,T,C or G

<400> 5849
cacccecaag cttcaaccat tgggtgacgaa ggccgagggc aagaacctca tccaggcctg 60
tctcaatgcc cccgatccca ccaccaatga gaacgggtgtc gaggcgggtg atgtgccaac 120
agaggcgcca gaggatgtcg ccgccgcccc caacaatgtc aatgcccagc agcagaacat 180
tctctgcctt gcgggcatgc acccaggcta catgaccaac gaacagcagc agcagatggc 240
ctactaccaa aatcttcagc agcaacagca agctgggtgg cagtaccccg gaatgcctgt 300
gggcaaccgg atgcgcgcgc agcatcaacc cactgcataa acgggtgggtcc ttgctttctg 360
gtaatatgtc ttcagaagcc gcggaatcca gatgtttgtt gtttcgcgtc ttcgttaact 420
tcaacatgtg cacttcgcga ccattggcct tcttttgata cccagcgaaa tctgaattct 480
cttgccccgc aattgacgtc ctaaaatgcgg tttccgtcgt ataccagcaa cataacatga 540
acaccaaagg tgcccttaact tgtaacctgt gtatatcatg agccgttgat tcaacgttga 600
ggagtctgcg gcaccgttct tgtgctggca agattccgat tctctttatt ccgagggtcat 660
acaaaactaa ggcttaaaaa tgaaaagaca aaaaaaaatt cgggaaaaaa agttcaactg 720
acgatgaaac acgnaagatg cnaagcgtg gttctggggt ccgaagctat taaatggttt 780
cttcacgttc atctaattat ctgctagacg acaagtggaa gt 822

<210> 5850
<211> 669
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 5850
ggagctccgg ttgaagatgg tggcatccct cgccgcctcg aagccgggtcc cgatcagggg 60
taegacgacc gtgatgcgaa gccgtggcag cgtggggccac cgcccagtga tgtggctcct 120
tggcagcaga gagggcgaga caaccgctcc cgtgacgact atggatcgcg tgaccagggg 180
agcgaccccc catgggctca gagcagccgt ggaggcgatt atggatatgg ctgcgagggc 240
ggctacggag cccctggagc tgcaccctgg cagcagcagc agcaagcccc tccgccccct 300
ccgggtggac aggctgcgta tggctatggc gcttatgggt gatacgtccc tctgttctct 360
ggcatggggc caccgggggc ttcttcctct agcatgggag ttctctctcc tccaccgggc 420
atgccaccta tgtactacgg ctctgggtggc agnccaccac cggcaccccc ttctttctgnt 480
gaaggaangn cnnngaaaana annctacaac gagggctgac caagcgtgac cttttgcctt 540
gagttgaatg gggcatgctg gcaaaatcct tggetttcct ttctttggat actatgggag 600
gtactttgga agggggtagg attgggtggg tgctaataac cagaatggcc cttttttact 660
tgagggtcc 669

<210> 5851
<211> 632
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

<400> 5851
gatttcttgc atccttaggg tgtcatgact tgggcctgat gcgcgatata ctggggcatc 60

ccgatgccgt	ttccaaacatt	acagtgaatg	aaccatttcta	ctcgcccggtg	ttctattaca	120
atggcagcgt	tagtcgggggt	caccatccgt	ttactttgat	atacgaaaaca	ggaaccgatt	180
ccgttcctcg	atgtgacgca	cacctagctc	tctatggtaa	taccaagacc	gtgagcatgc	240
attatgattt	accttacgcc	caaggcaagc	catcacgggt	ggttgtggaa	acagcggatg	300
gcaaggggaa	tctgaaaaga	acggagagtg	ttagtagctg	ggaggatgcg	tttaacgccg	360
agcttaaggc	gttgcacgcg	tacttggttg	agggaaaagcc	tgcccggaca	acagcaaaaag	420
actccctcca	ggatctcaaa	ttgtttcaaa	cgatttttga	gcagtatgat	cgacagtgcg	480
ggaccattag	aacccccctt	ggctaaattg	gcgacgtacc	tgtgcctggt	cgagcaagtc	540
tgctattgga	tttgccggggg	ggctatttta	ttcttggtat	tgggcatggt	cttctacttg	600
tggnatgacat	gaatattanc	gtgaaaggcg	gn			632

<210> 5852

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 5852

cagcgaggcg	gacgaggtat	gtgaagaaaa	ctatggagaa	gcataagctg	ctcgacacgg	60
ctggtaccgt	tgatcaatat	gatgatgaaa	ttgacgacga	ggaggacgat	tcaaattgagt	120
tctgtctca	ccggcgctcc	gccaaaagta	ctgtgaaaagc	cgggagaggc	agctcaagta	180
cttctgcccc	tgctacccta	ggaaacagcg	ctgttaccac	gcgtccaacc	gcctcgaagc	240
ggcgaaataa	ccgtgatcgt	tacccccaat	cctgggggtg	ccccaggagc	agcatcaacc	300
taaaaaggcg	cgttctgtgt	gtgttcgatg	gccaaacgca	tctgtggaag	gatgaaatgc	360
tgcttcaaaa	cgaccttgaa	gtccgtataa	agcttcctgg	tggcgctggc	gatggcacta	420
atcgagaggc	atatgtgacc	gatctggacg	tcgagacgct	aaagcgcgcg	gaaggcatcc	480
tgaacgctac	tgaggaagaa	cggggtcctt	ggctagatgg	accctctacg	aagatgattg	540
ggtcaccggc	catgccgttg	cccagcctgt	ctcgtcctta	tgaaagagag	gtagatattg	600
atgagtttgt	gtcttaagag	actccaattt	cgcaagttcg	ggtc		644

<210> 5853

<211> 1028

<212> DNA

<213> *Aspergillus oryzae*

<400> 5853

cctctctcat	tctctctgggt	gcccccgatc	ctcaatccaa	cttgtacata	cttctcccaa	60
ctctctgcta	tatccttcat	attcccatac	tacaagatgt	ccgcagtaaa	agcagcccgc	120
tacggcaagg	acaatgtccg	cgtctacaag	gttcacaagg	acgagaagac	cgggtgtccag	180
acggtgtacg	agatgaccgt	ctgtgtgctt	ctggaggggtg	agattgagac	ctcttacacc	240
aaggccgaca	acagcgteat	tgctcgcaacc	gactccatta	agaacaccat	ttacatcacc	300
gccaaagcaga	accccgttac	tcttcccag	ctgttcgggt	ccatcctggg	cacacacttc	360
attgagaagt	acaaccacat	ccatgccgct	cacgtcaaca	ttgtctgcca	ccgctggacc	420
cggatggaca	ttgacggcaa	gccacaccct	cactccttca	tccggagacag	cgaggagaag	480
cygaatgtgc	aggtggacgt	ggtcgagggc	aagggcacgc	atatcaagtc	gtctctgtcc	540
ggcctgaccg	tgctgaagag	caccaactcg	cagttctggg	gcttcctgcg	tgacgagtac	600
accacactta	aggagacctg	ggaccgtatc	ctgagcaccg	acgtcgatgg	ccacttggca	660
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gcattgccact	atgtacaaga	tggcagagca	catcctggcg	cgccagcagc	tgatcgagac	840
tgctcgagtac	tgtttgcta	acgagcacta	tttcgatata	gacctgagct	ggcacaagg	900
cctgcaaaaac	accggcaaga	acgacgaggt	cttctctcct	cagtcggacc	ccaaagggtct	960
gatcaagtgt	accgactgcc	ggtactctct	gaagactaaa	ttgaagacaa	catgattctc	1020
acgttccg						1028

<210> 5854

<211> 578

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 5854
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 ccatccacct cgttagaggg tgtgggaggg tattttgtct ggatccaact acccccacca 180
 ctacaggcgg atgatcttgc gaccgtagcg cttcgagagt ataaggtgaa tgttattgct 240
 ggtaatagat tccgtgttca aggcgacccc gacactagaa ggaacagttt taaccgaagc 300
 atacgtcttt gtttcgcctg ggaacatgag gagaagttag cgggaaggggt gcgccgactt 360
 gcatgcgcta tacgtccgc attgaaataa actcttcgtc ataaaatcac aacgtattgc 420
 gagggacaga tttcaagaaa ttccaggctc caacaaccaa ggggtggcgg cggatcgatc 480
 cgctccggtc cttgngcaga catttcttgg gtttttgatg tggttgcgta ncggtcattg 540
 gtgcaangaa gggggggttct gcccaattagc aagtgagn 578

<210> 5855
 <211> 700
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 5855
 gggaaacagc ctaccctttc atcgcattat atatttccac attccccgcc gaaggcctag 60
 cagcgcttca cgcgcgcgga attcgcaccc aagccgtccc cagcgtaaaa ccaggccaaa 120
 gcagagtctt cctccaggat ccacgcttca atgaaacatg gaacaaaactg attgtattct 180
 cgctgggtga gatcgaccgc atcgtcttac tagacggaga tatgctggtg cgaaagaaca 240
 tggatgagct gatggacgtg ccaactggacg ggccgggttc aggattaagc agcaggagga 300
 ataaacagga gagagtattc gcagcgagtc atgtatgcgc ctgtaatccg ctgaacaagc 360
 cgcattatcc caagacttgg ataccacaaga attgtgccta cacaagccag cattcggatc 420
 ctgtccgggc gcagacatcc ggcgctccag ccgcgaccgg tgtgccatgc tgaatagtgg 480
 cctcttagtc gtgcgttcta ccatatcggc ctgggcggag atccangcta gacttcacat 540
 gcccgatcgc acggataaat acactttncg ggatcaagag ctctngtcng acgtgttctg 600
 gggctnatgg gtggtattgc cgtatgtgta taatgcgcct aaaacgctcn gtgggaggga 660
 gtgcacgaca atatctggaa aaataccaag tgaaaatggn 700

<210> 5856
 <211> 246
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5856
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 cagatatccc aacacgccaa cgagccgccc ttctgtcggg cacaggcgag tccgccacaa 120
 caaccatcga gaacattgac gtcccgagc ccggctcggg ccagatcctg gtaaatgaca 180
 atgggactgg actttgtggc tcaagacaaat ctctcctgca tgatgattgg aaggatttcc 240
 ggggtga 246

<210> 5857
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5857
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tctactcacc	cgtgggtgtct	tctgtccatgt	ctcccgtctgc	cgttccttcc	tcacctcaac	180
caccccggtc	cgggtcgcag	aatcccacca	aatccggtcc	agccttccat	ctcagcaatc	240
tgccacgatt	tcateccgcg	gtctactcag	cggcggttcc	tcagggacaa	ccgacatccc	300
cacgtcaacc	gcgcccatct	gcctaccgca	ccacctcggg	ctctcgggac	gcgatgtggc	360
agtatcagga	actcgtcagag	ggtgtcacct	tgtcgaagac	acctcccgg	ccactctcgc	420
ccagtcgcgc	tgtcctcgcg	ttggaccctc	tccgcagtc	tgggcccgtc	acccccctcg	480
ccctggagga	ggccagtggc	tacctgatct	cggggacgtc	caatgcttcc	gcttttgctt	540
cccgggacgc	cccattccgg	ccggcccccg	acttgatcga	ccggctgac	gtccgcgaga	600
ccgagcgagc	ccgtcagaat	gccaaagaa	gcactaagac	tagatattga	cgttcgccgt	660
ccg						663

<210> 5858

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 5858						
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gtattcgtgg	agatctgggg	taggttagat	agttgtttct	ctttttcata	gggtatgatg	180
aaaaaggtta	ggagtctgtg	taatgggatt	gtggaacgta	ccgcttccgc	aaattccaac	240
gaaagaagg	cggatctggg	ttgttggttag	tttctgggga	tggttctggc	tatgcgttga	300
gcttggtggt	tgtgattttg	cacctttact	tggccatttt	gacagacggg	ttcttcgac	360
tggtcgatgc	ggatgtctcc	acttccgtgg	aagccaactg	cgtgcattgt	agattattgc	420
gtgttgatat	tgaggagggt	tgatgatata	tattgtattt	gtgtattgct	tggtgacttg	480
atacctatat	atcattttta	ggttatgtta	cgtggtatag	gaactggtgg	ttgtgtcctc	540
attatttgga	tttttcagga	tctgaaggct	ctatttccatt	tttatattgt	ttatgtatat	600
ttttgtgctt	attatggaat	ctattattat	gaagatttat	atggatgtgt	atctttaaca	660
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<210> 5859

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (646)

<223> n = A,T,C or G

<400> 5859						
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gacacttggt	tttgatttat	cgactctgtt	gaccaggcca	cgattatctt	gcaattgcag	240
gacatttcta	tcttagagac	gcccgaacta	ctgctcacc	ccctatcgat	tgtttagtgt	300
tcataattgt	gtttagagatt	tgttttggtg	acgcattggt	gcattcaaaa	tggctggaaa	360
catgggtgat	tacggccaaa	ttattgagta	tatccaagat	cgtctttatt	tggcttctta	420
tgacgaacga	ccggatgcga	gaactccatt	cccttatcct	tccgagcaac	ctaagtctcc	480
ttggaagcga	ttggcgagag	ccagccgaa	cccccacagt	aggaagaggg	gaagcccggt	540
gtatttcaag	gtcgatgata	ccttggttta	caactctttt	catgcagact	tgggtccact	600
ctacataggt	catctgtacc	ggttgccggt	cattttccatg	aaattt		646

<210> 5860

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5860						
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cgctgggtcc	atccttcctc	tacaaagtc	tccgtcaacc	atcctacgag	gcacgccgca	240
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cccgggaccc	cccatccctc	ctctacccag	cgcacaagta	cgaaagcgaa	gacatcggca	360
gaactctccc	gctcatgccc	gccatcgagc	aacccaacag	cggtcggaa	caccactggc	420
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cctggatcga	gcggacgac	ggaaactccg	ctggatggca	atgggggtac	gcgatctggg	540
acgaggaacg	aaatgcggcc	ggtcaccgcc	tttaattccc	attctccaaa	aaaagtatca	600
tctcttagaa	atgggaaaga	aaagaaaaag	aatgcattcat	ccgtgaatcg	aacaccggcc	660
tcattgatgg						671

<210> 5861

<211> 781

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 5861

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gggcgtgtat	caagtttggt	cctttaccaa	cgtgatcttt	gcctgtatgg	gtagctcaaa	180
ctctctgttt	ctgtatcccc	atgtccgtgt	tccgatcaaa	agctgggct	acttcttctt	240
gagtgttaac	tttttgtgtg	tgtctgtggg	atgtatcggg	atcagcaacc	acgtcacgat	300
cgggtacaag	catgccgcgg	agttctgggt	ggaacagggt	ctcttcattga	gtacgagtag	360
tgccttcgca	tctataaca	ggacgggtatt	tgcgtcgctc	atccccctgtg	gatccgaagc	420
acagttcttt	ggtatggaaa	ttacgttgga	tcttgccact	ggatggatta	atccccctgt	480
gcagggcgtg	attcaagatc	atacgcataa	tctaagggtc	cccatgatcc	ctaactgatt	540
gcttattttt	gtggcgggct	tactgtacgt	ctgggtggac	attccgaagg	ggattgagga	600
tgcgaagggt	cgttgagcgc	aggctaaaagg	aggcaactaa	tgggataccc	aggggaattct	660
gtcctacgag	cgtcttgtga	gacagaaaagt	cgattatttt	gtcgttgatt	ggaatgaaag	720
gatcttctcc	tctaaannan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntttcc	780
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<210> 5862

<211> 1094

<212> DNA

<213> *Aspergillus oryzae*

<400> 5862

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ggacaagaat	gtgtaccttt	acgagctgcg	cgatgaaaat	gggaatgtag	gagaaggcaa	180
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aacccagacc	gtgcttagca	gcatgaaagc	aggagttcga	agcgtcgttt	acagcaaggc	360
acacccaact	gtgatatacg	catcttggga	ctccacatta	cacgtacatc	gcattgatgc	420
cccagaactc	ataccgtcga	tcattctctc	cccttccaag	cccttctccg	tgtctctcac	480
tgttacgaag	ctagtcgtcg	caatggcttc	agcgcgttgc	calatctatg	atctgaaggc	540
gtgtctcttc	ctcacagctc	agttggatgg	taccgttccg	aacaagggtg	aggtccagcc	600
gtggcagcgg	agaaaaagca	gtcttaagtt	tatgacacqq	tgcgtaacat	gcattgctga	660
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ctgtcttaaa	aatccccatt	ttatggttcc	tgcggggatt	ttaatgggaa	ggggaaaaata	960

tctccaaatt	gttgacaccc	caggggtttaa	aaaggaaaaa	aaaactttgt	gaggggacaa	1020
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gactttctca	taat					1094

<210> 5863
 <211> 693
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

<400> 5863						
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ggactcccca	cagcagtgc	ggctcgtcggc	agaagatggc	aggaggagaa	ggtgctcgga	240
tacatggaag	cagtggagaa	ggcactggaa	cagtaccggg	atccggcgac	cggggagagc	300
ggcaagtata	ctttgattga	acttgactaa	ttagggttcg	tgaggttaca	ttgaatgggt	360
ctaggatttt	tgagtcgaag	tttcgggttt	gacaggttcg	gtcgtaccga	gggtgtcagt	420
gcttttgccg	cctatcactt	atagtataag	tgctggtgac	atcattntct	cgcccgatag	480
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<210> 5864
 <211> 1045
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5864						
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ctctcagtc	ctgcggtgt	tgtccaccta	cctttctccc	aacgtctccc	taaaaatact	180
ccttactaac	ctgtatacaa	ctgaaataact	ttcacgctcg	tcatcatgca	gatcttcgtc	240
aagactctta	ccggcaagac	catcactttg	gaggtcgagt	cgagcgacac	tatcgacaac	300
gtcaagagca	agattcagga	taaggaaggc	attcctcctg	accagcagcg	cctgatcttc	360
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ccagaccagc	aacgtcttat	ctttg				1045

<210> 5865
 <211> 1275
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(1275)
 <223> n = A,T,C or G

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<400> 5865
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gccttggggt cgagggcatt tgcccccgcc cccaagggtc aacaagttca gcgccggaat      180
ctccaagatg tcgcgatcac tagaacggga aagccgatcc tgaagggtcca ggggtggacgg      240
tcgtctcttg gaggtcacac cgcactgtc ttcggtgcta ctggtttcct cggtcgttac      300
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qttqccqctt ccattttacc cgaqaccacc attgtccgcc ctqctcccat qttcgggttc      720
gaggataacc tgcctcaca gcttgctaa gttaccaacc tccttacctc caaccacatg      780
caggagcgct actggcccggt tcacgccccg gatgttgcca atgctctgga gcgtatgctt      840
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gccgagattg ccgagctggg tgaccgtgaa atcgtcaagc accgcccgtc catcaacggt      960
cccaagccga tcttgaagcc tgtggcccac tacctaaaca agctgctctg gtggcccatt     1020
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accttcaagg acttgggcat tgaacctgtn gatctggcca ccttacttt ccactacctg     1140
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<210> 5866
 <211> 643
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

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getctcttca gcagtttttg tttattcccc ggactttcat cattttcaac cccgtccgcg      180
tcttgccgcc ttgtttccc cttgttcttc cctccttca atcctctcag cggcatgtcc      240
aaggcaactt tcgccgcaat cgcgcgggt agcgcagcca ccggagctgg tcttacagcg      300
ctgctctatt cctcttcttc cctcggccc caacagcaac aacaacaaca gcagcagcag      360
cagaagctac ctccatcagc accagttacc tcgaccactc ctgtcccgac ccaccgaca      420
gcccgcgcac tcgcgcgcaa atacctcgcc ggaccagtgc acccgtcggg tatctaccag      480
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gaacgtcgca cgcgcaattc cgccttggtt ggcgaaacaca tacaccggct tcgcttgcca      600
tgaagaacgc agaccgcaaa cacaggacct ttacgaaga caa                                         643
  
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<210> 5867
 <211> 673
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5867
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cgaattggcc accaagcaga ttttatccat tgccccgatc ttagaaggtc agaccgagtc      180
ctctcaatac caaatccac ctcacaaaga ggggcgtgag gcggctccac ctgaccacaa      240
  
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cggcgctgcc	ccqagcgcag	ctcagcccg	ctcctccgga	ggtgaaaagc	tccaagaggt	300
gcagcgcaaa	gacacgcgaa	catcggaagt	tgacaccttc	gtggacgcca	aaccttgatc	360
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ctcggacca	atacaggtct	cggagggtca	atgagatgaa	ttaaaaaaag	agaagatcga	480
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ggagcaaatg	aagggaagt	actgactgac	ttagccgtac	atcagaaggt	actggcgga	600
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<210> 5868

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5868

gcaccaccag	caaaaacctct	cctactgggt	tcattaccag	cactaccagc	agtactaccq	60
gcagcaccac	tgactccacc	gaatccacca	ctggtaaccac	caccggcact	accaccgggt	120
cttctctctc	ggaaactggc	tctggctcca	ccactgctga	gtccagctcg	agcaccgggtg	180
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ctaattgacc	catggcggat	tttgtaattg	atgggattta	tgacgctttt	gggagaccac	540
gtctcttttt	atgacctgct	gattcatgta	tcgttaattg	tagccttagg	tacatacata	600
ccacacacac	actaactata	ggaagaagaa	tctttactag	cttatattta	agctcgggtg	660
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<210> 5869

<211> 1370

<212> DNA

<213> *Aspergillus oryzae*

<400> 5869

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tttgcaaccg	gctatcggtc	cctctgggtg	ttccactgggt	cagcacgagg	cccacgggtg	180
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ggtcgatgag	ttcctcaaaa	agcttgatgg	atctgctaac	aagtctaacc	tcgggtgctaa	360
cggcaccctc	ggtgtcagct	tggtccattgc	caaggctgggt	gctgctgaga	aggggtgtccc	420
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cgaactctcc	aagtggctca	cctacgagca	actggccgac	ctttacaaga	ctcttgccag	900
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ctatgggttt	ccacgggttc	ggtgagactg	aggatgtcac	cattgcccag	atcgtctgtg	1020
gtctccgctc	tggccagatc	aagaccgggtg	ctcctgcccg	ctctgagcgt	ctggccaagc	1080
tgaaccagat	cctccgtatc	gaggaggagg	tgggcaacaa	cggcatctat	gctggcgaaa	1140
agttccgcac	ttctgtcaac	ctgtaaaatga	accgtatgat	tatatgacgt	ctaccagcca	1200
acctgacaca	ttatcgaaaag	atgggttgga	tcgggaccac	actgcatacc	cgggttcccg	1260
ctacttgcaa	cctctgagct	gcacaaaagca	ctacagatga	tattctctta	agattttatga	1320
tgacgattcg	attaggccag	atatagtggc	agtaatgcaa	taaaagtggc		1370

<210> 5870

<211> 305

<212> DNA

<213> *Aspergillus oryzae*

<400> 5870

ggcaccgtca	catggcaata	accagtatgg	tggatatgga	ggtcagccag	ggaactatcc	60
tgcacaaaac	caatatgggc	agcctccgca	gcagggtac	tatcaatcta	caccgcctta	120
cgatcagcaa	cctcatacc	agcattcctc	gtatggccag	cagcagaact	atccccacc	180
ctacagcgcc	ggcccccaac	aaggcggata	tcctggcgac	tatggccacg	ggcaaggctc	240
atacatgaac	ccaccacaag	atggtggcca	ctctccctac	ccccagcagc	aatatcaaca	300
gggtg						305

<210> 5871

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5871

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ggggtgctcc	ctcgaccctc	accacttccg	tgataagcgg	tccgacaacg	tcaccagcct	180
cgcagtctcg	ctatgcgacc	accgatcctc	aacgagtggc	atccaatatt	gaacatgtcc	240
tgttggcaat	gtcctctcca	agtcaagatg	gtggcctggg	cagcgccagt	ggcaattctt	300
cgggttctac	cggcaagggt	atcttgatcg	gcgtcctctc	agccttcgga	tctgcagcag	360
ttgcagtgtc	tgttcttgcg	atattctctt	ttttcaagta	tactcaacgt	ggtagaatta	420
ttctggaccg	cattggggcg	ccgggtgaat	atgatgatga	gcaagcgctc	ttgcgcgagg	480
agacttgagg	cttagaggcc	atggatgatt	tgctcgcggtc	cgagtatctt	gagggcaatg	540
cattcatcga	agccaacccc	gcgatttoga	tgccaaccga	tatttctctc	tccagtnctc	600
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<210> 5872

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 5872

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tggtggacca	ctgatgatga	tatcctgtgt	tgggtccgcg	aggccgactg	cgaggatgaa	180
cttaaggacg	taacgttccg	cgagcacaag	gtgaatggca	agagtaaagg	gcaagctttt	240
attgaattca	ctacgcttca	ggctgcgaact	gcbaaccaaac	acaagctcga	atcttccggg	300
argacaggac	ggaagtaact	tggttaactat	acbaaccccc	aacbaaaccc	tttcgcgcaca	360
cttcggaagg	atgcacctat	gcgaaaaggat	aaccaggctc	ggtcgatgtc	tggaggcttc	420
aactcgccctg	cgcagaacat	gaactttggg	atgaactaca	tgggtgggtg	tggcngtggc	480
ttccgtggcg	gnctggggng	gnttcaactc	tcggnggtgg	catgaatann	ntacatggag	540
ggttcannnn	ncngnaactt	cagaacccaa	tggcctttca	aaacccqatg	qctggaggct	600
ttcgcggnaa	atcgatggga	gtatgcacaa	tatgggggct	tcatactcgc	gagcatgatg	660
ggggcatgcc	n					671

<210> 5873

<211> 693

<212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

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<400> 5873
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cctccagcga gggtacaag gctgagctcg agaagctgac caagcctgct gtcgttgagc      120
ccgttaagaa ggccgctgag aagcccgtcg aggctaagga ggaggccaag gaagaggctg      180
ctcctgctga ggagaacaag gacaacaagg ccaagagccg ctcccagtcg cgcaagcgcg      240
ccagcatttt cggaactctc cgtggcaaga aggaggagac tgaggagaag aaggaagggtg      300
acaagaccga agaggccaag cctgctgagg ctgctaccga acctgctgct gaagcttccg      360
ccctaccga gactactgag gcccccgctg ctctctgctga gcctactgaq gccaacgaag      420
acaaggaaga gaaggyagay gaaaagaagg aggagaagaa ggaagagaag aaggtgaga      480
ctaagtccaa ggcacttct ctcttcggca acttcttcca gaaggctact ancccttctc      540
acgagaagtc tgagaaggag gccaccgcac ctgctgagac ccccgctggt gccagcactg      600
ctcctcagct cgacaacct gtgcaggagg cttccgtgaa gccatctagc ccgagactgt      660
gaccgcccc tctgaagctg aggtgctaa tga                                     693
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<210> 5874
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

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<400> 5874
catttcctta cttaacccaa tccaagacaa aatgcagctc aaagccctct ccctcctggc      60
cctgaccccc ctggcagccg ccgtgggcaa cgcagtggtc aagaactcct gcgaccaccc      120
cgtctacgtc tggctccgtg gtggctccgt tggctcccaag cagaccgtcg aaccaggcaa      180
gtcctacagc gaggcccttc gccacgacga tgctccggcg ggctctccc tgaagatcac      240
cacgctcgac aacggtctct acaacggcag tcccagctg aactacgcct acacgcttga      300
caacgcggcg gtgtggtacg acatgtccga tgtcttcggg gaccctttct ctggcagcgc      360
agtggtcate aagccatccg acacctcctg tcttctatc tgctggccac agggcgcttc      420
acccggcggt agccagggtg aggtttgcca gagtaattcg gatgaggtct tggagctttg      480
tgccgaggag tgtaggggta ttgtatgagg ttgaatgaat caattcgtca cggttaacaa      540
ccttatgcta tgtttatgtc tgggtcatgg gattgggtta cttaatgaat actggaact      600
atgtgataat gatgaactct gtatgtaaaa gaatttagca aatgaaactt gctctatgct      660
t                                     661
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<210> 5875
 <211> 551
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5875
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gttttactac tctcgcacac tgggaaggca gatcccaatc tgacggatcc cgccaagaag      180
agcgccctaa tgcctagcgt tgagaacaag cacaaggaaq tcttggaagc cttactgtgt      240
gttggtctcg catgtacgga tgcgatggca gagaacgggg ataactgctct gttctatgca      300
gttggttaaga gagatgtgga tataaccggg attcttctag aaatcggaat ggctaaccgc      360
gatctcgtct acgacggccc attcaaacc ccactttcat acggggtaga gaataattac      420
caagatatcg tccaaatact cttgagcacc ggaaaggcag acccgatccc cgggctccaa      480
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gcagcaatct ccatgaagca aatagcaacg attcgcaact ttcttggcct taccaggtgt 540
agaccctaac c 551

<210> 5876
<211> 716
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 5876
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agccattgcc caagatttga ctgtatgagc cgagaggctc acctttgtct atcagtcagt 180
atcatgatgg cctcggaaaa gagtttatgc ttgaggctt gagccactct aaccagaga 240
aatgctatcc tgtgaactag gcacttaaca aaccttatga aggtgcttga agacaatgtc 300
tttacctcat ggccattgca cataagtagt ccacagtagc actcaatgta catggcccat 360
tccattaagg aagacctaag gcgatatgaa caacagccag ggagctgcgg aagatggacc 420
acctaccgaa atcacacccc ttttacaatc tcctcctggg aaagaacgat attcagtttt 480
cagtaccaga cagaagcggt tgattattct cacagcagcc atagcgtcga cgttntcccc 540
tatctcagct aacatctact acccagccct caattctata gctgctggcc tggatgtatc 600
cagttcccaa atcaacctaa actatactac atatatgata tgtcaaggct tgggctcgac 660
cctcacaggc cegtccgcag accaaagctg acgtcgnccg gntacatcc tctgtn 716

<210> 5877
<211> 960
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(960)
<223> n = A,T,C or G

<400> 5877
gcctcgcgat cacagagctc atctacatct ggaacttttt acagtccctaa gcattctaatt 60
tgattcatcg ttgaacgaac cggatcatac acaatgcgta ccgccaatt actcgtcttc 120
tcgggctca tgetcatgag caacgtcgcc atgggcgccg agctggacca cgacgatgta 180
cccaatcgct gctgggatgt ctgcggtccg gtggtaggaa ttgcgcacaa atgcgacaac 240
atgcacgaca gtgacccgcg cgagatqaat tgtatctgcg actggaagca ggcaccatcc 300
ctgatccctc tctgcgaggg ctgtatcgcg cagtatcgca gcgaacgcaa caacagggac 360
cacgatgatg atgacgacga tgatgaccgt aacccccacc acaacgatgc ctacgacatc 420
ctcaccctct gctccctctc aacaaccagc tacaaccgga ccgcccgcgc ttccgccgtt 480
agctccgcaa gcgcacaatgc caccgatgca acccctaccg caacttcate gggcatctcc 540
gactccacga atgggtggctc ctccgggtaac tctaacagta attcggcaag caacaccaac 600
tcggcggtta gcgcccagaa cactggcaat gcggcgctct cgtattccag tcccaaggct 660
gattcccttg ctgctgttgc cggactaggc tntcttgcct ggtgtgtgaac atctcatdac 720
ctgatgacat taagagattg gatatggctc ancgcgga gaggcganga aaatatatgg 780
aaatcgatcc acttgatcgt atggagatgg gagaatgaga tatatgaata ccgttcatgc 840
cactcatata tataccagc tggtngatga gttatgttac tcgaatatgc cctgggtgtt 900
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<210> 5878
<211> 676
<212> DNA
<213> *Aspergillus oryzae*

<400> 5878
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aaccgagctc ctacctcggt cctgcactac tctagccccc gctgtcatca atattctcga 180
cgccgcaaat cccaacaccc cctactctgg ccagcagttt accctcgagc gcagcggttc 240
tcccttggtc gataacaaga tctccgtggt gaccttcaac aacattcccg ccggcgccac 300
tggtgtgcga ctcgaaatcg aacttctctc cctgagcgac ggccaaatcg ctcccagcga 360
caccagggca gatgtctggt ctgcgcaccc agtagacggc agctcgttcc ccacgtataa 420
ccatccgcca cacaaaagag aaatggctcg gacctacatc ttcccaagg gaccaaccac 480
aaagtcgacc cacaccgtat tggcatctaa cacttgctcg accaccatga gctgggtggg 540
gcagttgagt gaatggcaga gctcggctgg aagtgtcaat ttccagaact ctgttgggaa 600
tggcgcggat atcggttca tgttggttta caactgttaa actatgggtt gttgacgac 660
ccattgtgtg accact 678

<210> 5879

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 5879
cagactttca tcagtacaac attgggcatt gtctcaagcc aatatagaca atgatactgc 60
caccgacggg gaacagaaaa gcgatccaga atttattcat gaaattctac tacgtcctgt 120
tgttcaggct gatgacgaaa agtcacgacg ccagttgcga ccgctgaccc gaaatatact 180
cacccaatcc gatgaattac ttatggctct tcacaacgcc cgcaatggtg gagggggagc 240
ggacgacagc tcggcgagtg agtggcaaac agatacagag agtattgcct ctagcatctc 300
atcccgaag agaaggacaa taaaaaatac cgctgagcga agtcaatcga ggggtagaaa 360
gcgcacacgc aggtcatccg ctcgaaagtga gtcaagccgt caacgttctc acagtgggca 420
tgcatacaag ggacgagcac cttctcggtt tggtcacgt cgtcaatcaa aatcacaaaa 480
ctcaaggccg cggggggcgt cagctggcag cgaccgcaaa agatctgcaa gtcgtatgcg 540
tcttgccctc cgcgactgga gcgaagtact aggaatcgcc tctatgatcg gctttccacc 600
agcgtgata atgcgttctt cacaaagatg tgccgctctg tttcgtgagg atatggagtt 660
tcgcgttttg caagaaggta ccttacagca agttcgggg 699

<210> 5880

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5880
tgaattcacg accgcagcgc cagctgcct aaactctctg atgcatacta cgccacaact 60
cggattctct tgatgagatg acctacacgt cgcgacctac attaatgctt ccgctagtgt 120
cttctacagg ctcatctttt cgccagccaa gtactcatca tgctgcgccc cagcagcaat 180
tgactgcctt gggtgcccgg atagcctgac acaacgccta gctctatgag agcgaagcaa 240
ctccgtgaga tgagtgggtg gctagcgatg caaatgcaag tcttagaaga gaagataggg 300
acgcttaagg atggcacaga agctgttgcc tgcgttcttg ctaactggga caatgttcta 360
cggctcgatta acatggcctt cacagaagct gtaaatgtat aaagaccgac cgtgcaaaat 420
acaaacacct tggctgatgg tgataaatca accgatactc ccatgcctgc gactgtagtt 480
cgaataccag cagatcatgc agcatcggcg agagagtaat gcatggcttc tgattaaccc 540
gcatagtcac ttcgatgatg gctctctctg atatcgccga tcaaacagaa gactccatga 600
cacacggcgc tcgaaacgga taactagcgc tcaactgtat aattcaatar agtqtcaaac 660
tcactatagt gtgactcaac caataggaat gcaacatact cctt 704

<210> 5881

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5881
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taaattcaga gtacagaact gagagaagga gaccgttcgt accgccacta ttggaggaca 120

gcaagccata	acgaaacggc	agaagaacat	gccacatgaa	gggaaagcct	aaatcgagag	180
gtgtttgggg	aaggtgaaag	ttgcagacaa	gtatttcgat	tataatgttc	tgtctggttt	240
tgacgatacc	aatgtctacc	ctgccttgat	cttggatgaa	attgacttac	taattaccat	300
tcttcttata	ccttagatag	atccccat	gcttaccttt	ttattcttaa	ttttttgtct	360
gctcttttta	tattttat	ttgtcttttc	aatgtgggtt	ttctttcatt	ttgttattat	420
ttttgcagta	ttatttaggc	ttttgatgct	tcaatttagt	gggatctttt	aatcgttttc	480
atgctctata	tttgttatct	tggtttttat	acggtgat	cttagtttgc	gttcttattt	540
tgtggatatt	atattatatt	ttttagattt	tggtgttttg	tcgatctatt	atatcaatgt	600
tttataatct	ctttcatttt	atagtttgaa	ttgttttaat	tttcttactc	ttttctctgt	660
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<210> 5882

<211> 525

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

<400> 5882

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agaccgcgca	cgaaacgttg	ccagcactga	gctcgagatc	gtcatagtcc	agcattcaga	180
cgatgcagaa	gacccccaatg	cgagccttct	ccctgggaca	aaagaatggg	agctgtcatt	240
gcccattgaaa	gtggggcgccg	ataacgagag	aattgtttcc	aaaacgactc	gggatacatt	300
caagtccaat	ccatcactgg	cagatgagct	caagagccag	gggatcacca	ctattgtagc	360
ctttgggatt	caaagttagt	gctgcgtgct	cgagacttgt	cgcggggctt	gggaagcggg	420
gtttaccggg	gggttggttt	aggaaagcga	tccaacttat	gataaccagg	ctactggggc	480
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<210> 5883

<211> 755

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 5883

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ctctggggagc	tcgccccctg	catccccatc	gaaccttgcc	caagatcgcg	agattgccgt	180
caaaatgtgg	gatccctacg	tggccagcca	atacaggtgt	cttacaccag	cagatatac	240
aagtcaggcc	gaaaaggccc	gcaaaagcac	tgcacgccgc	gacgggtggg	ctaccctggc	300
ctctatacaa	tttgtagcag	cgaaacacct	acggtcaggt	gatctgagcc	tcacgcttcg	360
cagcgccnag	gaggcagata	tcgctcggac	gcacgctcgc	tgggttaaga	tcctccaaag	420
cagattcagtg	attgacctcc	ctctctgggg	tgtggtggtc	cacgacatgc	ccttlaaaatg	480
ggttgggggc	ctgtccaccc	cggcgcgag	acagcgagtg	atcaatgacc	tgttggcgcg	540
caacatcttc	acctggggag	gagacgttga	cgttgctgca	tgtcgctggc	tcagtagccc	600
ggctccyggg	acggagtgcg	ncgcgatgg	gggtggaantc	acgcattnct	gaggcggnca	660
acttgccgga	tcgggtacga	accatntggg	gagtcaaaat	ggttgaagacg	tcctntacgt	720
ncggccccc	tgcctccggg	ctggttcagt	ggcan			755

<210> 5884

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 5884

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ctaccctggt	cctcgcactc	gaagaacacc	gcttccgatg	gaggccgcat	agcccccgat	180
cggctctctc	gacaaaagtg	ctgggagggg	cgcgacctgt	ttttctcttg	cttagacgac	240
aataatatcc	tggacgcaat	caaggaggat	aagggaagcgc	gacgaaaatg	tgggaaaagaa	300
attgcggagt	ttgagtcggc	ttgttcaaag	gcttgggtca	aattatttta	ggaaaagcgg	360
gtaatggaat	acaaccgaga	taagacaatt	gagcggatca	agaaggagga	tgcagcaaag	420
gttcatgact	tgaaggcaca	cggatggaac	cctcggtaaa	atggttagcc	actatggtgg	480
gaggaaaagc	acagggagag	aacgggtagg	atttgatttc	agcccaaaaag	ctctgtacta	540
catactacta	cctatcaaaa	gctatgccac	tccaatcttt	aanaaaaaaa	tntaaannaa	600
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ttgttt						666

<210> 5885

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5885

ggggctttta	ccccattgaa	ttgaatttgc	cacattttat	tcacttctag	ccactgcagc	60
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ttccggaggg	catttgctct	cttcttgata	cggatttgta	caagttgacg	atgcaatgtg	180
cogtcttgac	gaacttccct	gaaacccacg	tgaacttatgg	gatcacgaac	cgtactccac	240
acctgatatt	aacgctgaga	gcacacgatg	tgtatcttaa	gacataggtc	aaatgtgtga	300
tcatatcata	tcacgagaaa	cgcgacacag	tagccgagat	atatacgaaa	tatgacatga	360
gacgataaat	gggacgtcag	gacaacatga	gagagattgc	ttgacgagca	ttcaatgact	420
gcgtgatgac	aagtcgtaat	aatgcgatga	cttgagcctt	cgcgtgcggt	attgccatgc	480
gacgacatga	tcacgtgagt	gtgatatctc	atcttatcat	gttgcgatga	tgttgacgat	540
gaagatatga	gtagatgac	atcgtcaaga	acttaacgta	tgtctcgaat	attgaatacg	600
acaagactga	catgatgacg	cgggtgatcga	agacgatgat	caacgtatgg	gatcgcc	657

<210> 5886

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5886

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gtcatcgatc	tggacaacgg	taagggtggt	gtccgcagac	attctgacga	agtgcgaacg	180
aaoggyagtgc	tgatcgcaaa	gagtttctag	trcagactca	tatctangtg	catcttttgaa	240
tggtgcttcg	tgggtggcgc	cgatcgttaa	caccagtatg	atgagcacgt	caaagccgct	300
cctggagaaa	taccggtggc	tcattccggaa	aagggttaaa	cctaqaqqac	gtaagaacct	360
acgggtggga	gaatgagagg	cttctgagtg	gaacatgatg	gtctaccgct	aaaatggccc	420
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aaatcaacat	tgcgaacctg	tgttcaacaa	aatggttttg	gggctacaca	gtgggggtctt	540
tggggcttaa	actgaatggc	gcagtgctcc	gataccaaat	gacgtgttgg	aaccttcttc	600

ggaaaccaac	taagtttcta	aaaacccccct	taattttacac	gcttggggggg	gtgtaggaca	660
aatctgtaaa	acgcccgtgg	gcggaaaatt	tggggcaggg	gaaaaccagg	gggatcgttc	720
gggtacgctc	at					732

<210> 5887
 <211> 1151
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1151)
 <223> n = A,T,C or G

<400> 5887						
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tccctcatttc	ccttcccaga	tctacctttc	gctatagaga	ttatgtgaat	catatcgcg	180
attgtcattc	gacatgcaat	ccacaagccc	catacctgcc	aacgacaccg	aacagctgcc	240
tgaaacccaa	gcgccacctc	ccactaccga	ggaagcttcg	cagcgccaag	cctggtcctc	300
cgaaggatat	gggtgcctc	ccaccagtga	caagcctcct	tacggccccg	ttgaaccaac	360
gccctcacga	agggaaacctg	tcgcaagacc	tctctccaaa	catgctacgc	accttttcac	420
gctntcatac	ttgatattct	tcgccatttt	cggcactttg	gcgcgtcttg	gcctccaagc	480
cctgaccatc	taccggggag	cgcccggtgt	aacggggcgtt	ctctgggcca	acgtaggagg	540
atcgctacta	atgggcttct	tctcgaaga	caagaacctc	ttccgcgaag	aatgggggtga	600
cgtgaaccaa	aacaacagca	atggcacggg	gaccgaccca	agcgccgaat	cgaaacgcca	660
caagtctggt	aaaaagacaa	tcccattgta	catcggccta	tcaaccggat	tctgcggtctg	720
cttcacctcc	ttctcgagct	acatccgtga	catcttcttc	gcgtatcca	atgacctgtc	780
ggaccctcca	accccccaatg	gcggatacac	cttcattggcc	ctggtagccg	tcactctgac	840
cacagtcgcg	ctcagtcctg	gcgcgctcat	cttcggcgcc	catctcgccc	tcgccctcga	900
tcccttaata	ccctcgcttc	ccttcgcgtt	caagcgctga	ttaatagacc	cgctcttcat	960
catgctaggg	tggagatgct	ggctggggcg	ctgcttcttc	gcaatatggc	ctacgggatcg	1020
tcattgacaat	ggaccagagt	tctggcggtg	tcgcgcagtg	ttcgagtggt	ttttcgcgcc	1080
gataggtctc	ttctgcgtt	actatgattc	tttagtgatg	aatacccgac	tccccgcctt	1140
accgctgggt	a					1151

<210> 5888
 <211> 700
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5888						
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gtggggatct	tcttggtgatt	caacgggggtc	aagaatctgc	gccaaaacgg	gggttagata	180
taacaggtag	tcagtcctacc	cctggctggc	gcgatggccc	gtgggtggcg	acagtgcctc	240
ctggaacccc	tcgcagtatc	tcggctgtgc	gtggctctgt	tgaggccagc	aagctcgctc	300
gtgcaagcgc	agagtctttac	gctaccgagt	tcttctctgc	aaaggggtga	gttgagaag	360
ctggcgaaaca	agctagccag	gttctcagcg	aatccaaccc	cgtccggagc	agtgatattt	420
tccttgccat	ccaggtctatc	agccaaatcc	tcttcaccca	gcaggttcag	gctggcccaa	480
ccacagacca	gaaccccgcg	gcggtgggtg	atgtccccaa	ccggttcgga	aaagjaaggy	540
gaatttcggt	ttttacttca	tgaacccatt	aacggattgc	cttcccacca	ttttccaggt	600
tgggcaaaaa	aaaggaacaa	tgggttggtt	gccacgttcc	aaccccttga	taacactact	660
cagatttatat	tgtggaccta	gcccctgttc	cgggagaacc			720

<210> 5889
 <211> 1045
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5889
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ccgtcggctg atcgctaaga tcgaggggtg tgaagatata cacaaggata tgctccggga      180
gcattctggc aagcgtaacg tggttaagga taactactac cggctgaacg ttgaagtggg      240
agtgggggag tttggatatga acgaatggaa ccggctggcg gatatacagta ccaacactcg      300
ccgtacctc accaggcctg aagtgaagaa gcaaattctt gacgcgggtg ttaagttttc      360
tagaatcgag cgcattgcacc gtccggcgccg ggcgcattcg gctgctggaa atgatgtgac      420
caatttccag gatgacagtt ctataaccca aagtccaagg ctatctgtgg tgccgcctcc      480
aattccacat gctgtggaat tgcccgtgta gctgccaggc gatttttacc tgctgtcacc      540
aacaggggcg acttcacccc cgatgaacga cgatgtactc ccaggtcctc caatcccaca      600
ggatacagtt ttgccaacac cggcgcgggg ttccagtcag gacctgagcg acatgagccg      660
accgactga caacaacacg gttccccgcg acaaagtacc gatcatgtgc atgatggcat      720
gccgccacca gcacctccaa aaacccatgt cccgtacccc agtgagttgg gaggaattcc      780
agtgcctaata ccattgggaa cagcgacggg gcctctgtgg cacggatcaa atgggaagat      840
acgaccgccc tatccagtgg atgagcctcc accgggggat agacggcctc gaaaaccaat      900
ctatcacgtg cgctaagaat gtctttttaga cttttttctat ttgaagtgct gctctctt      960
gtttgatcga tgtgaacgtg acgaagtatc cgcattgtgt tgatgggcgt catgtatgat     1020
gagcgggtgt ggatggccta aaagg                                     1045

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<210> 5890

<211> 1015

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5890
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cctcgatcgc cgtcactcca cgggcgttcc ccaatgcccc tgataaatat gctcccgcga      120
atgtttcctg tccgtcgact cgtcccagta tccgcagtgc ccgcgccttg tccaccagtg      180
agaaggattg gttgcaagtg cgtcggaatg agacccttga acccatgaag gatttgctcg      240
ggcggctcaa tccaagctcc tttgatgctt cggggtacat tgaccgtcat aaaaacaatg      300
catcgaatat tccaaacgtg gccattgccg tttcagggtg tggttaccgc gctttgacca      360
atggcgcggg tgctatcaag gcattcgata gtctacctc caactccaca gcccgaggac      420
agctcggagg ccttctgcag tctctactt atctatcggg cctcagtggt ggtggatggc      480
tcgtgggctc cgtgtacatc aacaacttca ccactatcgg tgacctgcag gccagcgaca      540
aggtctggga cttcaagaac tctattctgg agggctctga tgttaaacad ttccaactga      600
tcaacactgc cgcgtactgg aaggatctgt acgatgcggt gaaggataag agaaacgcgc      660
ggttcaacac ttcgttgacc gactactggg ccctgtctct ctccatcag ttcataaacg      720
ctaccactga ggatggcggg cccaattata ccgggtcgcc aattgccttg ggaaactatt      780
taaaaagggg aaaaaccccc tgctttatct tttcgcaatg gacgaacccg gggcaaatc      840
ttttgtgaaa aaactccggt gtttagaatt aaccggggag agtgggtctc ttcaacccat      900
aatatgcggt tgccccatt ggaatttttg ggacctttta aaaaaacgtg acctccccgg      960
ggggtaatcg cgcgcctgta taaaaaagag gggttgtagg aggggccacc cctcg                                     1015

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<210> 5891

<211> 1323

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1323)

<223> n = A,T,C or G

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<400> 5891
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aaagtacaga tgaggagttg cgggcgcgag tcgagtcgcg tgagaaggca ttcccagcat      180
ggcgggcaat gagcgtgatt gctaggcagc agatcatggt caagtctgtc agtctgatcc      240
gggccaaact ggaacgtctc gctgcgtcta tcaactctga acagggaag acttttgccg      300

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atgccagggg	tgatgttttc	cgtggcttgc	aggttgccga	gaccgcctgt	ggcatcacta	360
cgcagcttac	aggagaagtg	ctggaagttg	ctaaggatat	ggagactaga	agctacaggg	420
agccccctgg	tgtttgtcgc	gctattttgc	cttcaacttc	cccgaatga	ttcctctttg	480
gtgtattttc	attgctacca	tcacgggtaa	ctgtctgata	ctcaagccat	cggagcgcga	540
ccctggcgct	gccatgatct	tggcggagct	ggctaaggaa	gctggcttcc	ccgctggtgt	600
cgtcaacatc	gtccatgggt	ccgccaagac	cgtcgacttc	atcattgatg	agcctgccat	660
taaggcaatc	agctttgtcg	gtagcaaccg	tgctggtgag	tacatctaca	ctcgcggttc	720
cgccaatggc	aagcgtgtcc	aggccaatct	gggagccaag	aaccatgctg	ctgtccttcc	780
cgactgcaac	aagaaccaca	ccttgaatgc	tatcgtggga	gcagcttttg	gcgctgctgg	840
ccagcgtgc	atggctttga	gcactgtggt	tatggttggt	gagaccgagg	aatggctccc	900
tgagatcgct	gagcgtgcca	aggcattgaa	tgtcaatggc	ggatttgaag	agggtgccga	960
tcttggccct	gttatcagcc	cggagagcaa	gaagcgcatt	gaagatttga	ttgctagtgc	1020
cgagaaggag	ggcgcaaaag	tccttttggg	cgggaagggg	tacaagcctg	agaagtaccc	1080
caacggcaac	tttgtcggtc	ccactatcat	cacgaacgtc	acccctgaga	tgacctgtta	1140
caaggaagag	atcttcggtc	ctgtttctggt	ctgccttagc	gtccctactc	ttgaggatgc	1200
catcgacctc	atcaacaaga	atgaatacgg	caacggagct	gccatcttca	cctgttccgg	1260
ttctactgcg	tcacgtttcc	agaaggacat	tgaagggcgg	acaagttggc	atcaatgtcc	1320
cca						1323

<210> 5892

<211> 1453

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1453)

<223> n = A,T,C or G

<400> 5892

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ctctacgtgt	tatcattcaa	acogtagagt	cttattttctt	tcaaaatgpc	tatctccaac	120
ggtgatgcac	ttggccgcgc	catgaaggct	gagatcgagg	accacaccaa	ggccctcgaa	180
gttctggaga	aggattatac	caccagagat	ggtcttgatg	ttgacacctt	gctcgattcg	240
gacaagcacg	gagcattgac	ttacaatgac	ttcctgatct	tgccctggta	catcggtctc	300
cctgcgtcag	atgtcacttt	ggacacccca	gtcaccaagc	gtgtctccct	gaaggccctt	360
ctcctctcct	ctcctatgga	taccgtcacc	gaacacaaca	tgccgatcca	catggctctt	420
ctgggtgggt	ttggtataat	tcaccacaac	tgctctcccg	aggaccaggc	ggagatgggtg	480
aggaaggtga	agcgttatga	gaacggcttc	atcttggacc	ccgttggtct	ttctcctaag	540
gctactgtcg	gagaagccaa	ggagctgaag	agcaagtggg	gatttgggtg	cttccctgta	600
actgaaagtg	gaaaccttcg	gtctaaaact	gttggaatcg	tcacctcccg	ggacattcag	660
tttcacccca	acctcgagga	cccagtcact	gccatcatgt	ccactgacct	tgtcaccgoc	720
cctgcgggta	ccantctggc	cgaggccaac	qaggtccctc	gttccctcgaa	gaagggaag	780
ctgcctatcg	tggacaatga	tggtaacctg	gtctctttgc	tgtctcgcag	cgatttgaag	840
aagaaccttc	actacctctt	tgcgtctaag	cttccctcact	ccaagcaact	gatctgcgct	900
gctgctatcg	gtacccgtga	agaagataag	cgcagacttc	aactgcttgc	tgatgctggc	960
cttgacattg	ttgttctgga	tagcagccag	ggcaacagta	tgtaccagat	cgagatgata	1020
aagtacatca	agaagactca	ccttgagatt	gatgtcattg	ctggtaacgt	tgtgaccogg	1080
gagcaagccg	ctcctctgat	tgcagctggg	gocgatgggc	tgagaatttg	catgggcagc	1140
ggtagtgctt	gtatcaactc	ggaagtcact	gacgtcgggc	gtcctcaggc	tatctccgtc	1200
cgcagcgttt	cttcttttgc	tgtctcgttc	gggtgttccca	ccatcgctga	tggaggagtl	1260
cagaatgttg	gccacatcgt	caatggctct	gcatgaggcg	cctccactgt	catgatgggt	1320
ggtctccttg	ccggtaccac	tgagctctnc	ggcgagtacl	togtcagcaa	cgaaggccag	1380
ctygtcaagg	cctaccoggg	tatgggcagn	atcgctgcc	ttgaggacaa	gaanggctgc	1440
gacggctcta	agg					1453

<210> 5893

<211> 618

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(618)
<223> n = A,T,C or G

<400> 5893
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gaaaaccagc aacgatatta tgaccccagc ctgaatactc cccgccgaca tttaaactcc      180
gttcgatcgc tattccagga cagccatata tgctctatac aacgccatgg taaactggct      240
cagtctcgcc gtgccgttcg cctacctagg tgttctaata ggctccctag caaccttctc      300
ctcattatac cgcaagcgca aagcccaaaa ggcatactct ctagaaccat ggttccccgc      360
tcacctccaa cgagatatct atttctccct tcttcacatt gaccgcctg cgacctcttc      420
taaggagaag aaggcgctg ctgtaccoga gtcgggtgctt aaggctgcgc tcttaagacg      480
tgcagaggag gatatcaaac ggggttttggc cctgcgcagt cagaaacagg ctttqgggtg      540
gctacttcan cgtggtantg tgggtgatga tttgtggcaa cggttcccga agggggaaaa      600
ngagatggan gatgaggt                                     618

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<210> 5894
<211> 657
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 5894
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gatactacta atacacctcc tctcttcgcc ctttatccgg ttctcctttc cgtccgacag      180
gctaaggggt gcctaattgg gtcccgtcac aatatcttcc gggtatcaac accggcgagc      240
tggatctcgc ggggtttcacc agcaaccatg cctctccgcg ccaaagtgac aaaccagct      300
ttcaaagctg ccacaatgtc aacttccacg aaccttccca aagagttgcc cggcgatgag      360
cccgcagatg ttttgttcaa ttctttgtac ggagtgcgct tggtcgagct taaccgcct      420
aagaagctca attccctgaa cgggtcaatg ggtcgaaaga taccctctcg actgaaggag      480
tgggaaaagt gccaactggg caacattgtc atgggtgccg ggcaagctca aaaactctct      540
gtgctggcgg agaccatgca accctcgctc ttgagaatga acacgggccc cgtggggaac      600
caaaaattca ccgcactttt tctggctgga gaaccacaac tcgaacacac cttcgcg      657

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<210> 5895
<211> 249
<212> DNA
<213> Aspergillus oryzae

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<400> 5895
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gtttgcagca gagggtgcc aactgtctat caactaccac tccaatgtgg aggctgcgca      180
gcaactggcc gacaaaactc agaatgagta ctcggtgaag tgccacatcg cccaagctga      240
cagctcgt

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<210> 5896
<211> 684
<212> DNA
<213> Aspergillus oryzae

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<400> 5896

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caattgccct	ctacaccaag	tcctagggac	tcaattgctc	aacatgttgc	ctttggctcg	60
aagccggatc	gcggcgttct	ctgcgcctcg	gactcctcgc	gttgccgccc	gggccagcta	120
ctccaccacc	gtccctcggt	tctccgagaa	cagcatccaa	gccaacgacc	cgaaccccc	180
gcaaccgccc	aagcccaatg	tatccgccac	gaatgccact	cctgttgatg	ctatgggttc	240
ccgggattcg	cccttgaggg	aggatgtcga	ggctggtag	cgcaaccgcc	agcttcaggc	300
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acctcgcttc	gagcagacaa	tcattggagat	gcagccccaa	ccctatgccg	ccattgagct	420
cattcacaag	cagcccgtcc	ggtggaaaaa	aaagaaagcc	gtcagctgtg	acaggggggg	480
cggacccttt	gggcccccca	aaatctatat	caacacctac	aacccccaaa	ttgctacctg	540
tcggtactga	ggacggcttt	actcccacaa	gacagcaacc	ggcattacct	tgggagtcct	600
tccccggtta	ccagcttacc	ctttaaaaac	caactgggga	cgccccccga	ggagaaacat	660
acttcacgtt	gcccccgagg	ggct				684

<210> 5897

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 5897

cacaagcgcg	cagttattat	tagttacttc	tcaaccatct	ttgcccatac	ttagctatct	60
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aaaagctatg	cagcgcatat	ttcggatact	tgcaactcgt	tcgacctaca	ggggtctatc	180
ctgatggcaa	aatgtctgaa	atcgccctaat	ggctactact	acgatactga	ggctgacctg	240
aacaagcggtg	tgggaaataa	agacggcggt	cttataagag	gggaaaatgt	cttacgaaat	300
atggagcgta	gtatctgcct	gtcaatacga	acgcagatga	ggtgcattgt	ttatggaaca	360
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atgcccagct	ttaccatata	tcggatcata	cttagtacct	agcttagggt	acattagggt	660
taacttgt						684

<210> 5898

<211> 1057

<212> DNA

<213> *Aspergillus oryzae*

<400> 5898

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cgtcgacttc	gcattagcaa	ccccaaaacc	agtcaccgcc	tcaagtctct	gctaccacga	120
cactcctcgt	gacggcaacc	gcagccgcag	cgaccgcagc	tgtggcatct	ccccctgtta	180
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caaataatct	caacttgact	tgccaatggg	gcagatgccg	aactactact	gttaagcgcg	360
accatatacc	ctctcatatc	cgagtacatg	tgcctttaaa	acctcacaag	tgtgacttct	420
gtggaaaagg	cttcaagcgc	cctcaggact	tgaagaaaca	tgtcaagaca	catgcagatg	480
attcggttct	ggttcgggtc	cctgaaccgg	gttcccgga	tccagatata	atgtttggag	540
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aaacagcgaa	ccgtctctac	ggtaacgttt	actatgcgct	taatcagcga	catgaggcca	720
ccacgcacat	taagagtoga	aaaagcgtgg	atatgatgcc	ctaaacgagt	ttttcgtgac	780
ctcaagcgct	gacagttoga	tccaaaactc	tacgcgcgat	ttggcaacgc	ctaacttggtt	840
tacaaaagct	gtctcttcca	ttcttaaggg	gtggcccact	ccctgattat	aaacccatgc	900
ctgcccttgg	ggaaaagggg	gcggagttat	acccgtgggg	acatcctccc	gccccgggta	960
taatctcctt	ccatgaaaaa	cggcccgccc	aaaacgactt	gttaaaatta	atTTTTTTTT	1020
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<210> 5899

<211> 446

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 5899

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agaggactca	aagggttaag	aggtatattgt	atggacctgg	aagcatcctt	gttgcgcatg	120
ccgataatga	ggccatcacg	gtcggcgaa	tggaagaggc	ggtgcgtggt	tacaagagac	180
tcacgcgtgc	ttctctatag	gcgtttcaga	atgcgttgag	tacatctaca	tagccctaga	240
gtacttgggg	gtttggctct	tgtgtactgg	atctccgtat	tgggggttaa	ttatcaaggc	300
aagaggcggn	gtgaagaaca	cggttgttat	cggtcgcctt	ataaacaatc	tttaaagctt	360
acaagttcgt	agatgttgag	agccttgtga	gaactgaacc	tatagtctag	attgggcatg	420
cgaattctgt	ataattctcg	atcagc				446

<210> 5900

<211> 614

<212> DNA

<213> *Aspergillus oryzae*

<400> 5900

gatcaatctt	atcgatccgg	tgatataaga	agccactgaa	gtcttacatc	aagcatcatg	60
agcaaccagc	agaacaaccc	ccagtctcct	cgccattggc	acggtaacct	gggcgatcgc	120
tatgagcacc	acaacgtctg	ggtgagagga	ggccctcccc	agccatacat	ggcccgcacgt	180
ccttctgctg	ccgaagcagc	aagtgccacg	gatgacagac	gtgagtcctgt	ctcatctagc	240
atgtcttccg	gctctaacag	ccccccaact	gctccgaaca	gaagacgggc	tagtcagggt	300
tggtcactct	tcgaaagtct	gacaaaccag	aagcggaa	ccacggatcc	tgcttcggcc	360
gcacgcgcgc	cgagttacaa	tgaccaggcg	cagcaggcg	gtttctttgc	gaagtgggtg	420
gatgggtata	ctcgtgggtc	gaaataagcc	atggtcagt	tcattgctgtg	aaggaaggca	480
gaatgaatta	ctggatggga	atttactatg	ttgaacgttt	atatgactgt	atgctgaaga	540
gtttggcgct	ggatcttgta	tttattcgtt	cgtctacaag	catatcgtgt	taattgaagt	600
ggatatatat	aggg					614

<210> 5901

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5901

cggcgcgcac	aaactcgga	ctattggaca	gtggactttt	gtcgggtctc	ctgcctacaa	60
ccacgggcaa	ctcgtcgga	tccaccagtc	agctcacgtc	gattgaagtg	atcccgaagc	120
cgctcgctct	gttgctctct	attctgtcac	cctccgcgc	tatctctctc	ggattggttg	180
acacgggggt	tcctgcggc	gctctttcga	ctccattgc	caacgggttc	gaaacatcga	240
ccgccaatgg	aagctccacc	gacctcctga	gctcttcgg	tattctgccc	actatctcca	300
tcagtatccc	gccagctacg	ccgaacccct	ccgcgggcac	ctcctcgga	gccatccgg	360
aaacccagtgg	cctgcccacc	agcggcggtta	tcccaggatc	gtccggatcg	agcggctcaa	420
ccacatccag	ccgggtcacc	ccaggagcgt	ctacgggaac	tcaaactttt	accccgggac	480
cgctcggtct	ggcaccagc	ccggggcggt	ctacatcga	ccagtggtgt	cattccttca	540
acgggtctca	gtgggttcgt	tttgccgtcg	tccgtctcgt	cgacttctct	cacgggttcc	600
ttcgaaaccc	acggacgtgc	ccaccaaccc	aaggaaaccc	cgatttcgac	gaacacaccc	660
gaacttccgt	tttttccacc	aacgtggacc	ccgaacaggc	acgg		704

<210> 5902

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5902

cttccgtcca	ttggcctcgc	gcagcatgtc	ctttcgcccg	atgttccagc	agcgggctgt	60
ggcccccatc	gctgccactc	ttttggctgg	aggtgtagcc	ttctatcccc	ggcgaaccgc	120
cttcgctgag	gagcctaaga	atgataggaa	accgatctat	gatgaacttc	cggccgatat	180
cccggaaccc	accaagtccc	ttcctctgtc	tcctcccaag	tcatctccat	tctcctctc	240
gtccccctact	cccacagaca	tcttgactgc	tcagggtccga	cacgcccgtc	ttttcctcta	300
cgaaaactcc	ctcgccgcgc	agaactgctt	caacgaacttc	ctgtcccggg	ccctgcacat	360
cgagaacgct	ttcaccaaca	ccatcgccctc	gttggccccg	tcgcctgagt	ctggcgagcg	420
tctcctcccc	ggcgggcgct	atgtcatcgt	ctctgccatg	gccggttcta	tcgtgtcccg	480
caaccgtggt	atcctcctgc	gcactgcctc	gccgctcgcg	ttcggtaccg	tggccgcctg	540
gaccttcctg	ccggtgacga	tgcgcaacat	ctccgacctg	gtgtgggagt	acgagaagag	600
gttcccgccta	ttgctgagca	gcacctctac	ctccgtgaac	gggctgagca	tatctggtct	660
actggcgctg	cacacagccg	catgggcgcg	gccatgatgg	aagattagat	cggga	714

<210> 5903

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 5903

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ccaagtctcg	tcacctccag	atgtctacca	acctcccata	cacacctcac	cgcctgtccc	120
tatggcatct	ccgccacctc	ctcggatgtc	agcacctccg	ccgatgagct	ctttaccaag	180
ccgctcgteg	gacggggccac	agattcgggt	gaatccgctg	gttatgaagc	ctaataaag	240
ccattctctc	ccagtcacga	cgccatttaa	aaactctccc	tataatcaag	cacattttca	300
gaaccaagac	tttgaaccaa	ttcattggga	acctagtga	tctcgcaa	gatcctcgag	360
tatatcccca	actctgatac	acaaataccc	caaattcagg	tcgccacgga	gcatacgtc	420
caaattcttc	tctcctatga	ttcgcggttc	atgacccccc	actacgctcg	ttgactagct	480
cctagactct	ctgacccggc	ctttatcaag	ggcaggccat	catcgccact	ctcgacgaag	540
gatcttttga	ctgtgtcatc	tactttcggt	acaaatgaga	gttcacaccc	ccactcgctt	600
ncctaattct	tttcttcatc	tatggatctg	gctggtaagc	tggtgcttaa	cgtctgtctt	660
gcgcggttga	tgggtatgag	cgtgaa				686

<210> 5904

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<400> 5904

gtcaggtgtc	taotttcgga	tggacggatg	actatatattt	cacggatggg	ttgagctacg	60
acccatccaa	gctgcagata	caacgacgac	atcgaggcgg	gctcaagtt	cctgcagttg	120
ttttgcatat	tcagatgtca	ctgcattcca	tttcacttag	ctcctatttg	aactcgcagc	180
cacgtgaggt	tgaagatggc	caagtcccac	gccgacattg	ttaccacttg	gccccgtctc	240
tgagactcat	gctacgtata	atctcaggag	tcgaatatatt	gcactcgaag	ggcatagtag	300
acgggggatct	caagcctgct	aacatatattc	tgtcgtgtcc	ggaatctcga	gactctgaag	360
gatgcccctcc	ttgttcagata	gataaacgaac	attcttccatg	gtaactcgac	cctcgaaatcg	420
gtgattttcgg	tctagtgtgc	gatatctccc	acttcaacga	gaatcagtcg	gacaataact	480
ctttgcagca	tagaacgaag	gtgaatcggt	tggttgggac	agagttctat	cgccccactt	540
tgattcctcc	ttatgtagat	agccccgaga	actcagaaga	gaccggcagc	tgttacaaga	600
ttgacgagtc	tctggatgtc	tttgaccttg	agtgatcctt	tttgagcttc	tgtatcgctt	660
gacacaaaga	tagaaacgca	attcggttctc	ggtgaactaa	cgcgctg		707

<210> 5905

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5905
 cttgctccta caaaaatcac aatggaattc gtcagcaaac ttgccgaaaa gttcctcgac 60
 aaggacaagt ccagcggcag ccaagaaggc tatggcaacc aaggcggcta cgggtggaggt 120
 gaccagggat atggcggcgg ctatcctcaa caacaacagc attcaggccc tcaagtgccc 180
 ccccatgga tcgcccgggt ggatggggag tcacagcgct ggttctacgt gaacgagcag 240
 accggcgaga ggacctggaa ccaccagggc cagggcgggt gctacggaca gccgcagcct 300
 tcgtacgggt gcggtgcacc ttacggggga gaacagtcgt atggccagca gccctcgat 360
 ggctatggcg agtcgcgcca gggagatttc tatcagcagc aggaggagcc taagaaggat 420
 cacactggcg cgaaaattgc aggtgctgcg gtttttaggtg ttgctggtgg agcgttggga 480
 gggatgggtc tgcattgaagc gcatgaaaag tgggatgaga acaaggaaqa gtggaaacag 540
 gatgttcagg atttccttga aaatgctgcg gaggtagcgg gggagaaggt cgggtgaagcc 600
 gaagcaggct gggatcgtgc cgaggatcga gtcgaacaag ctgggataac gccgtcgata 660
 aggtgaggac ttccccgaaa atgctggaga gtggaccggc gaanaaggct ggagcccgtg 720
 gaacgattcg gggac 735

<210> 5906
 <211> 666
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

<400> 5906
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 cccatgcgag aacgctctct acgttatcaa tatcactggc aatttcaatc actctacacg 120
 ctaatcgtgt gagcatggat aatctgtatg atctggctcg atgtacctac tatectatct 180
 atgggatcaa gagctaacga acccagaaca gggaatttct atacatcgta tagagacttt 240
 accagttgga ctgagacaat actaaattag accattgggc caatggatag catacctcag 300
 aacactgtgc acacatcttg catccgtaca tctagatgaa ttctgttacc atgaacccta 360
 totacgcagt catgagcaga tgtgactcct gacgagccat caagacaatc gtgaacgaca 420
 aactaactt ggacatcaga cagagcgtga tcatgcgtgg acgaggatac tagtttcgta 480
 gctgatactg gcgatgagat ctctgcaaac gagctaagtg attaccaact gcacaatgcc 540
 atctgcgtct atgaacacta tctcgacgac tacgatgagc atgcgggatn ggctgctgat 600
 cgtaccatgt ctgactagaa tcgtctatga cacctgatgg ctgatgctat aaagcggacc 660
 tactta 666

<210> 5907
 <211> 1170
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = A,T,C or G

<400> 5907
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 ctaatcgct cataaccact acctctcacc atgcctagcg ccacgggaga gaactgggag 120
 aagtacaaga agaacttcgc cgatgatgaa gagccagaga agaagatcac cctctcaca 180
 gaatctgata ttcaagtgtc gaagacatat ggcgcgctc cctatgcgaa tgccttaaag 240

caactcgaga	agcagattaa	agacaagcaa	gcaagcgtaa	acgagaagat	tgggtgtcaag	300
gaatccgaca	ctgggtcttgc	acctccacac	ctttggggatg	ttgctgcaga	caggcaacgc	360
atggcagaag	agcaaccgtt	gcaggtagcc	cgtgttacga	agattattca	agatgagaag	420
gactcggata	agagcaaata	tgtcatcaat	gttaagcaaa	tcgccaagtt	cgttgacaac	480
ctaggagagc	gagtgaagtc	gacggatata	gaggagggca	tgcgggttgg	tgtctgccgg	540
aataagtacc	aaattatgct	gcctctgcct	cctaagatcg	accccagcgt	aacaatgatg	600
accgctgaag	ataagcccta	tgtgacatac	ggagatgttg	gtggttgcaa	agagcatatt	660
gctaagttgc	gggaagtcgt	ggagatgcct	cttgtttccc	cagagcgctt	tgtaaaccta	720
ggtatcgacc	caccaaaggg	tgcacttttg	tgcggacctc	cgggcactgg	tgagactggt	780
tgcgctcgag	ctgtggccaa	ccaaaccgac	gctactttca	ttcacgttat	tggtagcgag	840
ctggatcaca	agtatgtcgg	cgaggggtgct	ccgatggctc	gagagctggt	cgagatggcc	900
tgaacaacga	cggcgtgcat	tattttcttc	gacgaaatcg	atgccgtggg	tggtgcactg	960
tttcgacgac	tgtgctggcg	gtgacaacga	agtgcagcgt	actatgtcgg	aactgatcac	1020
tcaacttgat	ggtttcgatg	ctagcggtaa	tatcatggtc	atgttcgcaa	caaaccgacc	1080
gtcgacgcta	gatactgccc	tgatgcgtac	tgtacgaatt	gaccgcgaga	tcgagttgtc	1140
gctttcggat	gtananggtc	gaactgacat				1170

<210> 5908

<211> 1220

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1220)

<223> n = A,T,C or G

<400> 5908

atatcttcat	caactcttca	gactctctgc	acgcacatct	cgtcgatgtc	gatctaataca	50
accctttctc	aatcatatat	tatcccatct	tttagtgact	ggtaacagca	cgcgcgcgt	120
tatgcgtttt	ttctcgacct	tcacttctca	ggactacatc	tcggatcatc	tctggaaagc	180
ttccggaaac	tactgaaacc	tttgtttcaa	gcaccaactg	tacactcttc	tactctaaac	240
tacttgacat	aacatgttgc	ctgcccgaact	cttcaaggca	atgcccgcga	gggcctctgc	300
cttcccttcc	gtgaacgctt	ctatccagtc	tcggttcatg	gcaactgtgc	gtaacggtcg	360
cgttgcccat	gagcgtgcca	ccttcacgat	ccgagatggt	cctatctttc	acgggaagtc	420
gttcggagct	cgtctataca	tctccggcga	ggccgtcttc	acgacttcc	tggttgata	480
ccctgagtc	ttgactgacc	cctcctaccg	tggtcagatc	ctggctctca	cccagccct	540
gattggcaac	tacgggtgtc	cctccgcga	gaaggaccag	cacggccttc	tcaagtactt	600
cgagtctcct	cacctccagg	ctgctgggtg	tgtcgttgcc	gatgtggccg	atcaatacag	660
ccattggacc	gcggtccaga	gccttgccga	atggtgtgct	cgtgagggtg	tccttgccat	720
ctccggcgac	gacacccgtg	ccattgtcac	ctacctgcgt	gagcagggtt	cctctctggc	780
ccgtatcact	gttgggtgag	aatatgacgc	tgaccaggat	gaggctttcg	tggaacctga	840
gcagatccat	ctcgtgcgtc	aggttagcac	caaggctcct	ttccacgtga	gtgccgcga	900
tcttcagtc	caagttgccc	tcctcgattg	cgggtgtcaag	gagaacatc	tcctgagctt	960
ggtcagccgt	ggagccagta	tcactgtgtt	cccctacgac	taccccatcc	acaagggtgc	1020
ccaccacttc	gatggtgtct	tcactctcaa	cggccctggt	gacccactc	actgccagga	1080
gactgcttac	cacctgcgcc	gcttgatgga	gacctccag	gtgcccatct	tcggtatttg	1140
cttgggacac	cagctgttgg	ccnttgccat	tggtgctcgt	accattaagt	tgaagtatgg	1200
taaccgtgct	cacaacatcc					1220

<210> 5909

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

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<400> 5909
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atacctttat ggcaacactg tcgctctctc acgccccaaa ctcgaccttc atttaccacc      120
ctctgcaaac cctgaagatg gaccggatcc aatgcgcgag cgggtccgcg agctagtcga      180
tgagtacata ttacgtacct tcacatcggc ttccctcctcg ataagtatca acggccttga      240
ctcttcacgc cctcagtttc cctttccggc tgctttcact gcacctgcgg agacagtcga      300
gtacgaacca tatgacgggc atcttgcatc acgtgtgact tcgctctacg cacagttaga      360
atcgctcacg acgacagtcg cacagttaag acgggatgcg ccgcagcgtg cagcagagat      420
gtatgcagcg gaactgaaga aggtgttaga ggaggacgaa catgatgact tggagatga      480
ggaaattctg gaaaatggag aaaacaatga aaggcaaaaca acagaagacg ttgacatgcc      540
tgatgcagac cagaacctag agcagacttn cgagcatggg cccagtacga ctggctcact      600
ccggagaaca gcgaanacga agtggatnta catgtgcccc tggcaccgac catgaagcga      660
actatggcgc actggagaga tggg                                     684

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<210> 5910

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (695)

<223> n = A,T,C or G

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<400> 5910
ccccacaggg ctgtatctaa ctattacgat acttcccag cgcagaaaag ctaatattcg      60
cgatacttcg accccgtatt ctgttttgct gccttaagaa acccctctga gaaccatgaa      120
tcgaagetct tcgacccggg gcccggtgcc ttctagctcc catacaatac aagcgtccca      180
cccccgctcg cgaaggccct cgcacctgc tgagtcttca gaaacccaag gcgagggacg      240
aaaacgtcgc cgtttgagta gctctaagt agcaactagg agtgctcaat ctgcattgga      300
tcaccacgac gatgacatcg aatctattga tttaacagag gtggagggtc cctcagcatt      360
agcgaagggtg ctagecgaagc aacgggagga cgctgttagg gcccaagaat ctgttgagcc      420
ggagaagggg caatcaatat taaactcata taagtgcctt gtatgtatgg atacaccgga      480
ggatgccact agcacaatat gcgggcacct cttttgccac aagtgcacga tcgacacatt      540
gaaattcagc gaagaacana gagcagatna cctcttcaaa ggtcctcgag gaacttgccc      600
cgtgtgcaga anaccccttg cccggaacga cgcgccangc tccaaaagga atctggtacc      660
ttttacactc aaacttggtc cgaaaaagag gaatn                                     695

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<210> 5911

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5911
ggggggaaaa aaaaaatgaa tttggttttt tttttggggg aaatttttaa cccgccccct      60
tcogtttttg ggcccaaaaa aaaaaaaacc aggggggctt ttttttgaaa atttttgggg      120
cccggggtcc tttttggggg gaggggggat ttttaaaat ttaaaagggc ttccccaggg      180
gggcgatccc ggggggggat cattttaaaa aattaccctt ttttttgaa aaaccccttt      240
tttgttgggg ttaaaaagtt tgcccaaaaa atgccttggg aaaaaacccc caagtttttt      300
tcoggggttg ggggaaaaaa aaaccccccc ccttttgggg gaaaaagggg tgggggaaaa      360
aaaaagtggg gaaaaagagg gttcccttaa aacaaaaacg ggattggggg gaaaaatccc      420
ccaaaaatgt tccccaaagg gtttttaggg aaacatgttt tcgggcgcgg ggataaaaagc      480
aggggggttt gtttttttgg ggaaccccca ggggatttgg gaacgggggg ggttaatggg      540
aaaaactctt ttaaaaaaat attctcattt ccctgaagg gggggcaaat ggcccagggg      600
gggcaaaaat atctgtttt aatttgggtc aaccgggttg ggttaagaat gcgggaaaaa      660
tacc                                     665

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<210> 5912

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 5912

gcctcgctct	caatgctcgc	ataggcgcgga	gttgctccgt	atttaaccct	gtcacatcca	60
tacgctcctg	acatgacgcc	gttactatcg	ccaattgaac	attatagttg	gccccctctc	120
gtacccctcc	tcategcctt	tgcgcgccct	cctgtgaatc	actcagtggg	tatggcttcc	180
tattcgaccg	gcagcgaggc	atttgcgcgc	gaaaagctct	cttctactgc	ggaacagtcc	240
acttccccgt	catcgtgggc	agacaagtac	cgagggggcta	ctgtcgaaga	tctggacccc	300
cctccggcac	tgtctgtctc	acctaacgac	ttagtctcct	ccgccatgct	cgcagcctac	360
gaacgtgatt	tcactcattt	aacgggtcacc	tcttctacga	aacgatccct	acttggctac	420
ctcagcattc	cccggtctaa	gcagcttttg	aaagaaggaa	ctatcaaaga	atcagattcc	480
gtgtctgctg	ccatgcagcg	gtttaaccgg	aagcgggggc	tglaccaggt	aatcacaatg	540
gagactccct	tggaggaant	agagcaatcc	ttcgagagtg	aaaccggctc	ccaatggcga	600
ggggcgagag	aaaacagagt	ttgcgtgggt	acagatgctt	cgcggaatc	ntgctcggat	660
ggtgaccaag	gg					672

<210> 5913

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 5913

cttgttcgca	cacattgtat	gaggtcggtg	tgctgcgata	cgcttcgata	gagatcgggg	60
ctaactgggc	ggatttttgg	tgtaccacta	gcttcttggc	ccatgcagcg	gcttcctcag	120
cggggaaggtc	gttgaaaaaa	aaggctcgctg	ggtcagggac	agtcaacatc	cccttttcat	180
cctagaaatg	cttattaacg	agtgcataatc	agttaaggta	agcgactacc	tacatcgatt	240
gttatgaaag	gaggcaattg	gccgcgcaac	atacccgcg	ggctgttgcc	actagggggt	300
ataaaagcag	tcattgtatg	cagacgggtg	atcgccagtc	cgtctagggc	atcagtgcc	360
acaattccgc	cataggagtg	catgaccgcg	acaacagact	ttccatcgtc	aatgagcgac	420
tgtgccgtct	gtcggatgag	ccccacgtca	tccgacaatg	tcttcggcgg	ggggtaacct	480
cttgtttgcag	gttaaaaggc	gaggacagac	tgattttctta	cccaagtctt	caaacgcctt	540
gcgtacgggg	gattaaatta	cggtgatgcc	atgcgcccgg	aatgacaaa	atggtagggc	600
caggtatagt	tgtaccagca	tggttgtccg	cgaaattttg	taaaaaaaa		650

<210> 5914

<211> 872

<212> DNA

<213> *Aspergillus oryzae*

<400> 5914

gcattgcagag	ctggaagctc	ttcgggagtc	caaggctgcc	gagactgagg	ccgagcacag	60
taaggcaatt	gaagaactcc	ttactgacca	cgaagagaag	ctctctagcg	tccgagctga	120
tctggaatcc	tccaacaagg	ctaaggttga	ggagcttcag	aagtcacacg	aggcggctct	180
cgcggaagtt	catgagcagc	tttctcacgc	gcaggcagct	gcccaggata	gctctgtctt	240
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cgttacggaa	togaaggaga	tgcctagcaa	gcagggtgct	gagctttcca	ggatcgaggc	360
cgagaagaat	gagtgggagc	agaagcacca	ggcgtgagc	agccggggcg	aggagctcga	420
agagttgggtg	gcggcttctg	ccagctccaa	gtcggaagcc	gagacggta	agcagcagct	480
gtctgcgtcc	ctggaggagc	tgtcgcaggt	cagaagcaag	caggaagcca	tccacattga	540
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qgaactgaac	galcagattg	acaagaacat	gtcgatgctc	aaccagttgg	gcqaqgtcga	660
ttcggcgatc	togagcagcc	gcaagcgcct	togtgagctc	gaggctgaag	tggcgggccct	720
gaaagccgaa	ggcaaggggc	caggccttga	cagtagccgg	tggcgagccc	aaagcgaaaa	780
aggccctctg	tggaggaaac	gccggtccgg	cctgcacgga	agatagcaag	cattcaggaa	840
cagcttaagc	acatccgcac	tgacaacgat	ga			872

<210> 5915

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 5915

ccgttcagga	atggattgac	acctccgcgc	gactgggtga	cttcagcaac	ctgctcgcga	60
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accaggccaa	tcttcgcaat	gtcggcggtg	acccgggtga	gatcaacggg	gagactggcc	180
aatgggtccat	catgcaggcg	tgggtggaaa	ccatgggtgca	ggaattcgtg	cgtctggtag	240
actggccccat	cgttaccatc	acccaccagg	agatgtccgc	caacttcctc	gaccgctaca	300
accgtgatca	gtgcaactac	tcgctgcagt	acaccatcgg	caacaagcag	attactgggg	360
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gggtgcagct	gtcgggctcc	cccgctcactt	tctccctctc	gacccctatt	cccttgtaaa	540
tggattgaac	gatattgaat	tatggaacgg	cttgaagga	ttcctggacc	ataatatcta	600
atgttattaa	tgggttcocg	gtacgatttc	gaatagggga	agagatgaat	gaaatgtag	660
gtacatacat	acatact					677

<210> 5916

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5916

caacaagtcc	agctcgttct	ttgacaatat	ctcgagtga	gctaaggatc	gcgaagaagg	60
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aaccttcggt	caaggtagcg	tgcacggcta	tcgtggcggt	taccggggcc	gtggcagagg	180
cagaggatat	ggccgaggtc	gcggtggcgg	ctatgggtcga	ggctactgtg	gccgtggccg	240
tgggtggtatg	cgtggaggcc	gtaatatgtc	tcagtcact	ggcgtccctg	cccaaaacta	300
gtgtcgtctt	cggcatcccg	acctgattga	tcttcagtcg	tatttcttga	aacgcttagc	360
gttgaatatt	ccctttatct	tgccttttct	ggaagtgatg	cgtgcttcca	cggcctgtat	420
ctgatattac	cggcgctctg	atggtacctt	ctcacgaata	cttggcatac	agtaagatc	480
tcctcatggt	tgggatgttc	tatggttacg	gtggggattg	gtgaattacc	tgctgggatg	540
gttttgcggt	gcgcggcgct	gaattatggc	gttctacata	tgttgcatgg	gttgggtcatg	600
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<210> 5917

<211> 887

<212> DNA

<213> *Aspergillus oryzae*

<400> 5917

atcagtcgct	ctttttttac	cggtcattca	tttagtactc	tcttttttct	tcctaaactc	60
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aggaacccca	aaagaaagac	aagaaaaatg	cgttttctgc	tcccccttgc	cattgggctc	180
acccccctgg	cttcgcacct	gagcatcaac	aagccggggc	ccaactcgac	ctacgcgcgc	240
ggtatctacc	taacgggtca	ctggagtaca	gtggacactg	acccaccga	aatcagcctg	300
tactgtgga	actttgttct	ctggcctccg	tcttacgttc	ctctgggtca	gaatataccc	360
actgccgata	agtcatactc	ggcgcagatc	ccctgcgaca	ccaaccccca	atggggllal	420
cagatcagcg	ccatcaacgg	gaccaatgtc	tacattatct	acgcgcaggg	tgaccgggtc	480
acgggtctcag	atcctgtaaa	tggcaccagc	tgatctgacc	ccgtcacgcc	acccccagct	540
tcttccaccg	gtgctcccac	cacggcggtg	tctgcttatt	ttgtcacgac	tccccccccc	600
cggccctttg	caaaagtccc	ccaacagggc	ccgggctccg	gtgggccccca	aatcccggtg	660
caagagacat	attttgcccc	ggggtaactc	gggcccaaaq	tgtgtgtaact	ggcgaagcaa	720
aggctcgtgac	gatcactatt	acgggtgtccg	tacctgctgc	tccgggagac	gaccaatgtc	780
tttttgtttg	aacacggcta	tgtgtgttta	aagattaatc	ttactttctc	gatactatgt	840
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<210> 5918
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 5918
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 gtgcccattgt cgcccacgga tcccatcttc cagtccgccc cctaccgcaa gttcaatccc 180
 gaacaaaacc caaccaccca cgacctctgc gtgcgcaaag tacctctgtc cgacattaac 240
 cggaccttat tagagaagaa gggcaagctg gccgaagcct tctgtgctgg agtctggagc 300
 ggctggggat atgccttcca acgtgcttac ctgcgcggga aataccaagg tcccgagacc 360
 gcgaaccacc tctgggaaag gccagaactg aaggcctcca cttacgatgt cggcaccctc 420
 attaccgacc acttcgaggt tattgagaag acccccgagc ggatggtagt ccgctgcggt 480
 gacagcccc gtaaacagga ctgtcgcgat tcagacggnn ctctcgaaat gtncgcccgt 540
 cgtaagcccg agaagggagt gcggagttag tttcagagct tgtctacaaa ggaaaaggag 600
 gctgacagcc accgatgccc ccgatatttc tggctgataa gcagatacca a 651

<210> 5919
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 5919
 ggaatttcat atatgcgagc gttcattgct ctttgtattt accgctatct tcgccttatt 60
 gtgaattctg catctttctg gaccttcaag ccaattctcc caccagagaa cccgaggctg 120
 accgcacaag atgtgactgt catccttctc actctcgagg gatgcggtga tgagctgggt 180
 gagacaatta gaacaattct cgacaaccat ccttatgagc tccttttagt gaccatcgag 240
 tcaaatcgga agaaagccga gagaatgttg agcttgatgc ccgcttcaaa accgagaatc 300
 cggcttttta cggctacgca ccctaataaa cgcgcgcaga tgacgagggc cattccagag 360
 gtccgtacgc ctattactat cttcgctgat gatgatgtga gctggccgag cacagtactc 420
 ccttggtatc tggcaccatt cgagaaggat gagcgatacg gaggtgtagt gacatgccaa 480
 nggctnctgc gtgcttgcac actcacattt ttccagagag tttggggctt tttggagctc 540
 tttacttana gagagaaact ntgattgcgc ggnacgacg catgtngatg gaggtcttcc 600
 ntgtatgten ggtcgaaactg ttgcgtatag gacggacatt ctgcaagacg aaggctttac 660
 ttatgcttta cg 672

<210> 5920
 <211> 548
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5920
 ttgattgact acattgtttt tccccctccc tccacttggt tacgcgcgcaa tgacatatac 60
 cccggtggat tctttccccc ccaatgttagc aatgccaaacc accgctgagc actagtcgat 120
 ttcttcaagg aatcgatgct caggtgaang accgggggac catqqaaggc tataaataac 180
 ccgctgaggt gccatcattc ttccaaggct cccaacccat gagcaccttg ttgccttgac 240
 tctacaccaa tcaaatttaa ttgatccgat tcttgacatc agaatgcctt tgtccggcca 300
 ctgtctgtgt aaagccgtca cctataaggc tgacgtcgag gcgcgcgcca tcaaccgata 360
 cgatcactgc gacgattgcc agcgtcagag tggatcaacc tattctctcg tcgcggtagt 420

acctaaggac	aaactgacga	tcaatggacc	caccaagagc	tacgcaggac	agggatcacc	480
aggcaaagca	gttcaccgga	ttttctgttc	ggaatgcggc	tcccctattg	cccacgacct	540
agagctgg						548

<210> 5921
 <211> 719
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5921						
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ccccaaaaac	gcgcgtacgg	acagctgggt	gagaataaga	tgagattagg	cttcaaccac	180
atcgataaac	ttgactttct	tgaagccttt	cctcaggcga	gagctcagat	atatactact	240
agtaatatct	gcagcgggtt	ctcagctact	ggtcttattc	ctttcaatcc	tgagcgtgta	300
ttatctcagc	tgaatattca	gctagaagca	acacctccag	gtagtagacc	tagtagtagg	360
tctactaatt	cagtgcctaa	aacgcctcat	aatctaaagc	aactacaaaa	acaggaaact	420
acactgaaga	agctgccttag	agctcgtaca	aagagccctg	attcgccctac	taagattgtg	480
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gaagccagag	aactacgcgc	cgcgcatgaa	agaatgctta	aaaagaaaaa	gcgctctact	600
agacagctgc	ctatagaatc	aggcgcttca	gttcaggaag	ctcanggagc	ttatacaggg	660
cagaaattct	actgtagagc	ctataactac	tgccctcagta	gatatagggc	gctcggtag	719

<210> 5922
 <211> 735
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5922						
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aacgcttttga	gaagccaatg	cgacaggata	cgattggcat	gagaaagggg	acttatgata	120
aaatggacga	agatgggtatc	attgctcctg	gcgtacgtgt	ctctgggtgag	gatattatta	180
ttggtaaaac	ggccccctct	gtccccgacg	cggagggagct	cggccagaga	accaaagccc	240
ataccaaaact	ggacgtttcc	acgccccctta	ggagtactga	gagcgggtatt	gtggatcagg	300
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aaatccccca	gattggagac	aagttcgctt	cgcgtcacgg	acagaagggg	accattggta	420
ttacctaccg	tcaggaagac	atgccgttct	ctcgagaagg	tggtgcgcct	gatttagtca	480
tcaaccctca	cgcattccc	tcgcgtatga	ctattgctca	cttgattgag	tgccagctta	540
gtaagggtatc	agccctgcgt	ggctttgagg	gtgatgcaac	accttttacc	gatgttactg	600
tggattctgt	ctctcgtcta	cttcggtgagc	acgggtacca	gtctcgaggc	ttcgaggtaa	660
tgtacaatgg	ccataccngg	cogaagctag	tgggcaggt	gttcttgagg	ccatcgtacl	720
accaacgtnt	gcgan					735

<210> 5923
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5923						
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ctgccgcgca	atccggcatt	tgcctacta	caattgtctc	ttcctcctcg	acatcttttc	120
tttctctgca	atttacgcta	ccacagctca	attcagctcg	acgattgcct	caaacgagga	180
catgcagcga	gaatgcgcac	gctatgtcaa	cactctcttt	gcacccctg	ctgccgtatc	240
aaccttcgcg	aatcctaccc	gaagctatga	cccagacgct	gtatggccac	ccctgggtga	300
aatcgtcaca	ggcactaccg	ccaacgtcga	catagccagc	agcattggca	gtgctagttc	360
caggagccct	agcccagctc	ctaccatcac	agcgccaggt	agcacagcag	cgacaataga	420
ggaccaaccg	gaaagagaag	tggtcgacgg	ggtcgggcta	gtcgagcttt	acgccagcct	480
caaacaaggc	caaagcgta	aacaatggta	tatgcacat	agccgacaac	tagcccat	540
cgacatccgt	cgcttcatca	cctttggaat	catcaaagg	ttcctatacc	gtgtacacaa	600
gtgcgcctac	gcgacatggt	ttcccgtcc	accctcgaaa	tatcaccatc	accaccatta	660
tcacagg						667

<210> 5924

<211> 1175

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5924

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aatacccttg	gaaacccacc	acccccgaag	gcgaaatctg	gcaatctctc	ccccagcca	120
tcagcagcag	tgcagccgcc	aacctcacc	ccgaagaaat	caccagtcta	aacctcgacc	180
cgagctcccc	aaacgcaacc	aaacttgctc	tcctcgaaca	agcccttacc	aaaaagctgc	240
agtgcctcga	aaacgctgca	aaacccactc	ctctctatga	gaaagaccac	cccacctggc	300
agagcttgaa	atccgctctc	ttccacatca	atcgcagtac	ggcgacctc	gagaaacaag	360
aaagtctttt	acttgagcaa	gtcaatcatc	ccggaccgaa	gggaaaggat	ctagctgctt	420
tgcagaatct	ggctggactt	tatgaggaga	aaggagagta	caagaaagcg	gagaaacttg	480
cccgtagagc	gattccggcg	ctccgggaac	atcctatctt	ggggagtaat	agtcgcgagg	540
ttcttgggtc	tttgaggatc	ttgattaagg	atttgccggg	gcagggggaag	attgggtgagg	600
cggaggagggt	tatcaggagg	gcggaggaga	gtattgagaa	cttggcggag	ggtcagtttg	660
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ggaagttgag	tttgggggta	tgattatggg	tggcgogaag	gttggtgatg	aggatcanga	1080
gatgggtgat	cgtgggtgcg	cgcacaaagc	tgctcttgga	cctattgggg	agagtgttct	1140
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<210> 5925

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 5925

gtaatccacc	actcttgaca	gcacttgcaa	gggtttctga	tggcctggaa	tggatccat	60
gggtcgcttc	ctccacgata	aagatcgag	agctcccat	ctcaatgtag	tcaactgggt	120
ctctctgttg	gtcgcgctcc	tcagcgtgct	cacgaggctc	ggcacgaagc	tgtggatggt	180
ccctcgcttc	acaagcgatg	attacttgat	tatagtatcc	ctgctattcg	ccatcggagg	240
atgggtcagt	atgtcagctg	ccgtccacaa	cggtatggc	gatcatgttg	gggatatcga	300
cgttttgca	tgggaagcaa	ttcagaaggc	acagatggg	ggaatcctgg	tgtttacctt	360
aagtctctac	ttttcgaaac	tatcgctgtc	agtctttatc	cgcactctga	cgcctgtatc	420
togagaacca	tttcatcgga	ccatcctgca	aattctgttg	accatctggg	cggttgttgc	480
actctttggc	agtgccttcc	agtgccaaagc	ctcgcgaccc	tgggatacta	gcggcacatg	540
cattgatctg	aacgcttggc	agtactatct	ctgcgcctcc	aacatcgtga	ccgacatctt	600

tatcatcgctc caggcgctgg tgctgatcaa tcgcatccaa gcgttggttca aaaataaaaag	660
cggtgtttgc caccatg	677

<210> 5926
 <211> 668
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 5926	
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aaagactggg aggaggaagg tgcaaggatg gacaaagtat ttgcctctgc atactgcacg	120
atcgcgctcaa gtccagcctc cgggtggcat gatggcttcc tcaatcgac tcagaatttc	180
tgtcaatcag agggagtcag ctccgatcaa aagatcattg atgacttttg taagcttggt	240
gatgaaggcc aactgcatac acgggcctgg gtgctgcaag aaagagcgt ttctcgccga	300
actatctatt tcaactgcaca acagacatac tgggaatgtg gaaggggagt tcgttgcgag	360
aattttacca cattaagatg tcccactact agattatata tacttgactc acggtttcct	420
gagcggctcg tactcgagg ttataaaacg ggcagcctta tttctccaag agcttatcac	480
tgactactct cgtcngatc ttacttttcc gaaaaggata aggtagttag attttccgca	540
tagctgaacg tattaaggaa gtctagctac tgaattcaga tacgngtct ttcattgctt	600
tctttctcgg ctctctttgt ggaagcggct ggaatgagag tgatcaaatt tttacgacaa	660
tgattatg	668

<210> 5927
 <211> 463
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 5927	
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tacacgcaag agcaagaagg agaaggaagg aaataaccca gaagaggact atcctactcc	120
gatatcgatc gagaacgacc agacagagtc tagtggacgt gaggagtcct ctgattcgat	180
agaaaaatcc aagaagaaga aagagaaaaa ggaaaagaag gagaaagaga aggataagga	240
angcaagaag aggaagaaga gtgaggaqtc ctacactgaa gacggctcga aatcaaaatc	300
aatgaagtcg aaggatgcc aaaaagtcaag gaaggagtag atttgctttt ttcaggatat	360
cattttttgc ttacggcgt acatagatag ataccattt gctacagcta ctgcggctct	420
tatgaagatt atattacata tcgtgtcnnn nnaaaaaaan nnnnnnn	468

<210> 5928
 <211> 575
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5928	
cgaggcacca gtgaccccggt agcaaggctca gacagtggct cggcggatga atgcctcgta	60
cattgaatgt ngtagcaaaq aaatgcgcgg cgtggacggg gtattcgaaa tggcggttga	120
caatgittgt tggcggaag aacagtttag ctggaacaac cgtcaaaatc atagtgcag	180
tggcaaaagt actggaggtg gcggcggtcc taagaaggct aagaagcgt catgcaagat	240
tttatagatc gcttttcttg tctctcgacg tgtcctatgg ccccttata tttgcttgat	300
atgttactgt tccccgccga aagaagcctg gttgcttcgg cgttttgctt ctcttctgac	360
gtgatatgaa ttggatacga cctggagagg atggcctacg cggtcgcacc cattatgtgc	420

ttttctaact	atthttgttaa	cgggcggcttt	ttgattttta	catctttcatg	ttgctataacc	480
tgthttttgcc	ttgatgattg	tcttcatgaa	acactattac	ccttccttta	tgtctactat	540
tatttgtctg	agaccttgaa	tttttaaaat	tgcattg			576

<210> 5929
 <211> 654
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 5929						
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atacttgaat	tatatatttt	cgctttttca	cttccattct	aatttgcttt	aaacaacatg	120
agcgacaaga	agcgcaagat	cgctgaaaac	gcccccgagg	aggctattga	gccccacgga	180
aagaatgcaa	agtgcgagga	gaagaacgag	aagaatgaga	aaaagcgcaa	gtcgaaggat	240
gtcgtggaag	atgtgaagat	ggaggatacc	ggtgttgagg	agcagaccaa	atccgacgag	300
aaagataaaa	aggatcttaa	ggacaagaag	ggctagaagg	aaaataacga	gaaaaaggaa	360
aagaaggat	acaacgagaa	aaaaaacgaa	aagaaaaaaa	ataatgttat	agccaagaag	420
atacccccct	gttaaaccgg	cccagaaaaa	aaacaggaac	ccgcgggcaa	tggtttgga	480
taaaaccccc	ccggagaacg	gggccaattg	gtaaaaaggcc	ccaaaaaaaa	gacccggaga	540
gaaacccaac	cccgttaaga	ggcccaaggg	aaaaaaaaag	cccggtttaa	aaaaccaaat	600
cttgtttta	cgggccttta	tttagggccc	atthttttta	atataatccc	caaa	654

<210> 5930
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5930						
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ataccgcagt	catcgactca	gcctcccccg	gatctccaca	aaacactttt	catgctcagt	180
ggatcctggt	aacactactt	cgcttgatct	cttttgaatc	gacgcggtgt	gagcagcctt	240
gcgctcatgg	ggttgacgca	gcgaatctca	aaatggctgc	cctcttcgcc	gagtctccct	300
gtggatgacg	tttcgcgcga	aaagggccgc	aacatttcca	ggttcgcggt	tttcaagaga	360
agaatacgct	tgaagggcaa	ttcatcgatt	tctataccat	tgggatttgt	tttactatth	420
ccatgccttg	taatagtcc	ggttttgctt	ctttttgtcc	gacacccttc	ttctcccgg	480
ggtattctaa	tcccagctgg	cacacctcca	tctataagaa	aaataagtga	aaagcatgac	540
gaggtcttcg	cctcgggatg	tctgcaggtc	gagaaaagg	ttgagggtaa	gcgtgcgaat	600
gcgcggtttg	tcttctcgc	taogaacaag	gaattggacg	gaggtcttca	gtctttgaag	660
tccatcgaga	gacat					675

<210> 5931
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 5931						
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gtatgcgaat	ggaatttgct	gaagatgcaa	caacacggta	caaaaagcgc	ttcgggaagg	180

atggcgaagg	caagaaaaca	caaactacag	atgttcgtgg	gacagaaccg	ttcgacgac	240
aggatacaac	cggaagacaa	cctcaaagat	cacgatctgc	aaagactagg	caggggaagga	300
eggattactc	aagatacgac	caggaaaccg	tgcaaaagct	tagtggtgcc	attggtgagt	360
ctcagggaaa	gaagactacg	ttcgattgaa	atagcctggg	ttttttttct	ttgaaggaga	420
taagagagta	gttcgtggct	agtaacgaat	gaagatgttg	ttggtgcca	tgagctcctc	480
gaggtgagaa	acgaactaca	ggcaagagag	ttatccataa	tttcagctca	tcccgatgga	540
tctgccgccg	ttcgaaaga	ctngacattc	tgcatggtaa	tgatgaacaa	tttgctccaa	600
tgccggcact	tgttgaacca	gctggcgaat	agtgttccag	attattgata	cccaagagca	660
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<210> 5932

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5932

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cgtgcgcaag	accaccaaac	gcggtcgtcc	gagaaagcac	cggcctgaaa	tgatgaaag	180
acaagagaaa	tctccagga	cgcgccagag	aatcgccgaa	aagtcgtcat	ttgactcttc	240
tgatcagac	acttcgcaca	attcgccgcc	ctcggaagtc	ttcgaaaaca	tgagcctgca	300
gggttctagt	cgggtgggag	aaatgccaat	gttcagcaat	gttaattatt	cattgcccc	360
tgagggcctg	actttcacac	ttccggctct	cctggcggaa	ctataagaaa	caaaccatac	420
ctgtccacag	caacgaatga	ttacacccat	tatttgagat	gaaatgcgcc	atagtatctc	480
ttcattcacc	tctgatgcgc	aactctgccc	catgactctc	gtgactaatg	acactacttg	540
taaacctgtt	aacatctatt	caacgtttcg	ttctacacta	cctgtactca	taccatttta	600
cgtctcatga	ctacacatcc	cattatccca	tcttctctat	tcactctgat	acatctacta	660
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<210> 5933

<211> 730

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 5933

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gagtcgctcc	gctcggaaca	atttcttttt	ttcaatgcgg	ctcgggacac	cgtagcatac	120
ggtttctccc	actcattact	ggatttcact	gacacttgga	aaggcaattg	gcgctgcca	180
agatgctgcc	cgtatggacc	gcgttggtgaa	cttctatgcc	cgccttcccc	gtggctcggc	240
tctgaagtt	aagcctactg	gtctcattgg	ccgtaccag	gctcgttact	tcggcaagaa	300
ccccctgct	gctcgtaagt	cgtctcgctc	ctaaagtatt	atatgatatt	cgtgatggc	360
caaatagccc	ttgctcacgc	catcggtggc	attctctctc	tcggctacag	catggagtac	420
tacttccacc	tcgtatgtt	ttcttttcta	taccatactc	tgagcatcga	gagtctaaca	480
cactcctagg	tcaccacaag	aaccaccccc	actaaatttt	ctcgctatga	tttgaggggc	540
gggaaagatt	cggtatata	cggctgacct	agaaatgagg	caatgtagaa	caatattcaag	600
cttattatgt	ttcacagatg	cctagtttag	tagtgactca	ccattgtctc	tagatcattt	660
agcatttgtg	catagtatga	cttgacaatg	aatcatatct	tgcgctactt	catggagtga	720
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<210> 5934

<211> 1337

<212> DNA

<213> *Aspergillus oryzae*

<400> 5934

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tccgttgggt	atcagtgggc	gtggcgagaa	agaaggcagt	aatgaacgtc	cttaaacttc	180
aaaggaagta	cccacagttc	gaccagggcg	aaatcttctc	gtccaagat	gcttttagaa	240
agtttagatgt	cgatgataaa	ggttacttgg	acgaggcaac	cgtgatcaaa	gctactcaac	300
aagcagagcg	ccagccatat	gacatcgtac	ggcaggcgct	caaagagggt	gaactggata	360
gctctcgccg	ggtagaactt	gaagactacg	tggatcttat	ctccaagctg	cgctctactt	420
ccggggcaaa	cgggcctacc	ggcactgcca	gtcccggccg	ggtagtacct	ggtaatggcg	480
ctggatcctc	tcgccatgtc	tccaaaggca	gcataggcgg	aagaattcac	gtccagggtt	540
catcggcaaa	tgtaactcat	actatcaatg	aggatgaaa	gaccgagttc	acgagacaca	600
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gtgtcccga	tacgatcgac	gagcgtgtct	tgaacaagcc	aggaaagaaa	atcaaggaa	780
tgaacgcatt	ccacatgtcc	gaaaataaca	acatagtgat	caactcggct	aaagggtatt	840
gttgcctcagt	tgtaaatata	ggaagtgggtg	atatcataga	agtgcgcgaa	catctcatcc	900
ttggccta	ctggcagatc	attcgccggg	gtcttttggg	caaaattgac	atcaagctcc	960
acctgagct	ttatagactt	cttgaagaag	atgagacott	ggagcaattt	ttacgtctgc	1020
ctcctgaaca	gatattgctg	cgttgggttca	actatcatct	gagaaacgca	agatgggaata	1080
gacaggtgac	aaacttttca	actgatgtga	aagatggcga	aaattatact	gttcttctca	1140
gccaaactgc	acctgatgtt	tgttcacgag	gtcccttgca	aacacaaaac	ttgcttcagc	1200
gtgctgagca	ggttctagct	aacgccgaca	aactgggctg	tcgaaagttt	ttgacccac	1260
cttacttggt	gcgggaaatc	ccaaacttaa	ccttgcggtt	gtaggcaatt	tggttcacac	1320
gaattccggg	cttgact					1337

<210> 5935

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5935

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ctccacctag	tctttttgtc	tcattcgacc	gcgtcatccc	tgcggcacc	tccgagcaaa	120
gcagagctc	tataagtggc	agctccgcaa	aaacagagtc	tacatctgat	acgcagccgc	180
ctaaaaagag	atggaatctc	ttgaaagcca	tggtcggtag	ctcttctctg	aaatccaatg	240
gcgaggcatc	gcctgcaagt	agctcggagg	agtcattaga	cataaatggg	tctgatagcg	300
ctgcactctg	cgacaaacgc	atggatgaga	tttcccggtc	aaataatagt	tctggagaac	360
tttcccagacc	caagacagca	caccagcctt	actccttcaa	gttctcattg	gagtggatgg	420
accggcccca	atggcccagc	aaaaacaagc	gcctcttcac	tccctgtctg	cctgtggcag	480
cccagctaca	cctgcagctt	cgtagatctg	cggacgcaga	cgacgaatct	gagatagatt	540
ccgaggaaga	agctgggagc	gatgacgcc	gagagggtc	accatcagcc	aaggagacag	600
agacctcaaa	agacaccaac	accggctcgg	aatccggnaa	nggttccagt	anaccagccc	660
cggnagccng	caan					674

<210> 5936

<211> 850

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 5936

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atcgggtacaa	tacttacata	caatcatacc	aacaactaca	actacaacta	cactacaaca	120
accacaaatc	cactcaagtg	gaaagaagca	aaatgagctt	cacaaaaaac	ctaaccgcag	180
ccctaaacac	caccccccta	cgacaacaac	gcagcacaa	cactttcccc	tacgccacgc	240
acgagccctt	cgaataccaa	ctcagcagac	tctctctatc	aaaaatcaag	caagagtctg	300
cccgcccgag	gccccacctg	cgtcatgtcg	tccgggtatgc	gtcgggtgaat	cgcgccgcgg	360
gggataagat	gtaccagaat	ctgggtgcggg	gggtggagct	tttacggacg	gagaggagg	420
cgaagtatgc	tgtctggagg	agtaaaacttt	cttcctcttc	ttctaatact	tcctccggag	480
ggaaggggaa	tggggctggg	attgggggat	taggggtact	tcggagagaa	gaggaagtgg	540
tggagacgag	gtgttttggg	gagggcgagt	tggagggaag	gggacggcgg	aggaagagga	600
gctcgaagag	gttgaggag	gagcgggttt	agtagctctg	aggatgggat	agctatgagt	660
tatgaaggta	tggtcattgt	tttccctgtc	aacctgtgtg	gttttcagga	gttctctgtt	720
tcttgggttg	gcgtctggct	ggatcggatt	gtgattntta	tagtttcggg	aaaactatga	780
tcaaaacggt	attcgcatta	agcgtcgcng	tgtatgagtc	tcttgatagc	atgttaattc	840
atttgagtaa						850

<210> 5937

<211> 750

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5937

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gagtgttagc	ttccttttgt	ccatggggct	tcccaagaat	ttccttggat	tgtccagggc	180
gcaggctcga	gcgggcaaaag	tgaagcaagt	ggattctgcg	gaacaccaag	cgctctccag	240
aactgacccc	cccgcatag	tgtcctaata	cgacctccac	cccgagactt	ccgtggcttc	300
tgaagcatca	agtcgcttga	taagtccaga	atctgctgca	aacaaataga	atatcatgat	360
atatagagcg	gatgtgtata	agtgtataat	aaagttgtca	taacgganga	naaaannnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnaaa	anaaaaaannn	nnnnnnnnnn	480
annnnnnnnn	ntttttcttg	gggcccgttag	accttgcttt	ataagggccc	aatttcccct	540
tatgggagtg	gtataaaaaat	caactgcccc	ggctttaaaa	ccgtggggat	ggggaaaacc	600
cgggtgtcac	aaacttaaat	cgcttgaggaa	cacaatcccc	tttttcgcag	gggggataat	660
tacaaaaaaa	gggccccccc	ggttccccct	ttccaaaaag	ttggccacct	ctttatttgg	720
ggggggttag	gggttcacac	ctctaaaaat				750

<210> 5938

<211> 731

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 5938

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gattcgaaaat	cgagctttcg	acgaattgga	caatgtattg	acgacatgat	ttaacagata	180
cggtgctctc	ctgcgtaagc	aggtgaagaa	gatggaagtg	tcccaacacg	cccggtacgg	240
ttgcaacglt	tggcggttaag	accacctgct	acgcgccaggc	tgytggttat	ataggacgcg	300
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togtggcgat	cgccccgtta	gcctagtgat	gcatagtttg	ctacgagtag	ccttcaatga	480
gcattgtaqtc	atctaggagt	taatgatgga	tgggctgtga	tcaaataatt	caagcgggat	540

ccacgccgat	tgagactggt	cggttacatg	cactgcaatg	caccacttca	tctcatggcc	600
gttgatcccc	tctgcgatac	cactttgcta	ctaattgtacg	atgtagtctg	gtgggtgaaac	660
tgacagagtg	ccagcaaaact	cgtaattgggt	acgcgtgcta	cgctatagca	tgtagttggt	720
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<210> 5939
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 5939							
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agccgactcg	gagagcaaac	gcggtcgctt	tagctcacia	caagatcaca	cgggcgaccg		180
atcacctgcg	gagcgcaaac	aattctcccc	agatggagcg	gaacgcaagc	cggaaacggag		240
acccggccga	ggtggacgtg	aggaggaacg	caagcgtgga	caacgtctat	tcggtgcttt		300
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gagacgggag	gaacggatcg	ctatccggaa	gaaggagcag	agactctatg	aagaggaatc		480
gatgcgcacg	cgacactcga	atctactggc	aattgtcccat	tttctgaaga	caagaactga		540
gcctgtatta	tactataaag	catggcagct	tcggtccgga	gatgaagcga	tcatacgtga		600
acaggttgaa	gaagcngaag	ccacaagtgc	ccgggaggtc	gcanaantcg	aggcgcgtta		660
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<210> 5940
 <211> 734
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5940						
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ctcagaaata	caactaactc	ccttcgaaga	gcttcctcct	gcctacgagc	cttcaacatg	180
gtggttagac	ggctactgtc	ctgcacatcc	ccacttcgac	aacgctgata	gaatccgact	240
ccggacgaag	gaagttaagc	gtccccctact	tcagtacatt	ttagaaggat	gtcgagtccct	300
tctggaacga	goggacaaga	agtcctctca	actctccttc	gatcaacacg	agacgctgtg	360
gagggccgccc	atctccgctc	ataagtttgg	cgttctatat	ctagccactc	gctcagagtg	420
ttgtgaagag	ttctctccca	ccgtggaatc	caacttagac	ctcttcaatg	agatggctac	480
cttctctctc	caagataaca	atgccatccg	tgccatcaac	tacggtgtcc	accgccttgt	540
caacagcaac	actttcacag	tcgactacca	gaccaaactc	gtccccccaa	ccgccatata	600
atcgattggc	cccaaccaca	ttgcggttcg	agaaaaggat	ttcgaagggtg	atagtaccgc	660
catgctggac	aattcggttc	gcaatctggg	acctccatga	cttcgccac	cttaccgttg	720
ttttgtatgc	cccg					734

<210> 5941
 <211> 832
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5941						
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aactcacaac	agtcgattct	gccattgctg	gcttgctcaat	aactcctaag	ggggagaaag	180
aggccgacaa	gacggcaaaa	aagactcaca	ggcgccactc	atctcagtcg	gagggcgtct	240
ggaacatcaa	ggacttggag	gagaagaaga	tagagttgac	tctccccatt	gaaacgcaaa	300

agaccgggtg	gaagctcaac	acttcaccgt	cttcaatcga	ggacaaggat	atcctcaaac	360
tccatctcgt	aaaccccccg	gtgaagaaga	ttgacttgca	tttcccgtg	gggttggagg	420
tgactgctcg	taatctcaag	ggagtcacaa	tcaaggacgc	gcttgacgct	atccacaagc	480
agttcaagaa	gaaggccgat	gatgaattgg	ataaccctta	ccttgctggt	tttgagtggg	540
acaaggaaga	gtgctggaca	cgcctaatac	tccaccagac	aaagaacacg	acgggtcccac	600
agacctccag	taagaagtc	aagaagaaga	aggaaaggcg	atagaacggg	catgcctact	660
ggtgtgctaa	gtgccaacgg	tttctctcct	gtttccttcc	cggacgtact	ttccagactt	720
aatcattttc	ctcatcttgc	ctcttagcac	ttacagagct	tgttcggtat	gtagatgcct	780
cacgtagctt	gatttaattt	ttcaacctca	atattactcc	acctagtttg	ac	832

<210> 5942

<211> 757

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 5942

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caccttttga	caagtcttac	ccaacttcgt	tgccgaccat	gccggccctt	tgaacgtcct	180
cacccctgcc	gccaccgcca	ccgctattct	tgcctttgct	tggattgggtg	tgcacaacgt	240
ccttggtatc	attgtcttgg	ccattctata	tggctctact	tccggtgggt	tcgtttcgct	300
accaccgggtg	gttatggcta	gcatgaccaa	ggacatccgc	aacttgggaa	cacgcttggg	360
tatgggtttt	tcaaccactt	cgttcggact	gttaatcgga	acaccaattg	gcgggtgccat	420
tctggacagc	actcataagt	atcttgggtg	ccagcttttt	accgcctgct	gtctcatcac	480
agctttctca	atttttggcg	cgcctgagact	gtcacgcact	ggcttccatc	ttgctgttaa	540
agcctaaact	caagtgtcat	gtctctttct	accangcata	cagggcaaat	gaggaaacgc	600
ccgtttttacc	cttttcggcc	tattccccgat	aggaaaagca	agtcgcttca	gatcagagct	660
atcaacattc	cttctccggg	ggtttggttc	tctacacgtn	gtcagaacaa	aaaggaggga	720
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<210> 5943

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 5943

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ttctgcaacc	atggcagctc	aagtactaac	cgaaaacacc	tacctggctg	gagcccgtaa	120
cagtctcaag	aaggaagact	gtatggagct	ctatgagaaa	tgggcgcgct	cctacaacga	180
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ggccgaagcc	cttgctaagg	gcagcaaatg	gactattgat	ggcatggatt	tgtctcctgc	360
catgctcaag	gtcgcagaac	agactggcgt	gtaccgaagc	ctcttcaaag	tagacctcac	420
acaaccgata	gatcaaccag	accagaagta	cgatttcgtg	acattgctgc	ggcaccttca	480
cgggtggcct	tgttggtgcy	accclyccct	gagggaaactc	attcggttgc	taagccatac	540
ggtgtcatcg	cggtaaccgt	ccccgaaaga	attgggtggt	cgggggggtcc	aaaccgatalc	600
ctaaatgctt	taaaaggatg	tctttcaaaa	gtgatactct	aaaccttata	acatataaaa	660
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<210> 5944

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 5944
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 agcactaact gtggotaacc tccatccatt ttttatttct tgacttgtat actcatactc 120
 cttatctaac ctaccccgca tcaccatggc tgcccccgca gacatcacca tcaaggacct 180
 cagtggagag tggacgatgg acaaatccct ctccaacccc actgagccca ttctggccct 240
 gcaaggaatg ggctggatga agcgtaaggc tctcaacatt gcaaccgtca cctcagcgt 300
 ccaccaatac ggggacgaaa aggaccccaa ggtcctgcac gtcaacatcg accaaacagt 360
 caccggaggt atccccggca caaccgaaca ccgtattacc gactgggaag gacgggagca 420
 cgatgaccac gtcttcggga aggtcagagg tcaatcccg ctcgaagggt 480
 cgacgatgga aaattccgcc ctaacgtgga aatcgctacc aagaccgatg acgaggatgt 540
 gaagaagttc ctgaagggcg agattctggc tgatggaaag gatactgagg gcttcgttgc 600
 tgacaacgtc ggtgaagagt atggtgaggg cgagagcttc ttctccaga gcttggtgcg 660
 aacctggaca gcaacggcgg ctggactgct gacanatttg ggcttcgagt gatcgatga 720

<210> 5945
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5945
 tggatacgac gtgtcctata acggccgccc tgtgctggaa aggcgacaac atcgacaaca 60
 ataacaacaa taacgacaac gcagcttcac agaagcagaa gcagatgccg tcatcaacaa 120
 acagccacat cgacaacaac aatgaagcga tcggcgacga agccaccggc gacatgcaag 180
 tagacggggc cccgtcagca ccgtcagcgt cagcgccgga catggagacg gaccaggagc 240
 atcacgacga aatcaacagt gacagcgagg gtgagagtga gaatgccgcc gatcggggaga 300
 ctgtcagcat cactgtgtcg catcgaggcc acaagtttcc ctttgagatc gaggccgac 360
 tcacgctcac cgaattgttc caccgagatc agaattgtct agagattccc ttgagaaca 420
 tcaaggtcat ggtgcccgaag ggcccatttc ttaaggcgac ctttaaagat tccgaagatt 480
 aaggtcagac cttggccgga aaaaccgtca ccgtcatggg ctcgacctct gccgatgtcc 540
 aagccgtcca gg 552

<210> 5946
 <211> 631
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5946
 ccaagtctag cacaagaca tgatatcctt tcacaccagt agctcttcat atataattta 60
 agcatgcctt ccaacaaaca tcccatcctc tctacatac tattacctct ccttctcgcc 120
 ctctccacca ttcaaatgtt ccaatgcgcc ccacagcct gcaatggcca atccacattc 180
 tgcacccgca agtactcgaa catcacccaa ctgggcgccc acgacagccc ctctgtcggc 240
 cctctcccac agcataacca aaacctggag gtaacagaac aacttgacct ggggatccgc 300
 ttcttgcagg gccagaccca taaagccctt gacaatgcca acaccatcca gctatgtcat 360
 acatcctgtc tctcgagga cgtggggacc ctcgagtctt tcttgggcac ggtcaaaaacc 420
 ttggttgga ggcacccgga tgaagtggta aactgtctgc ttacaaaagg cgatggcttt 480
 cctgtatcac ggttcgacga ggtattcacc actgacagga ttaattgatta tgggtttgta 540
 cggagctcat cgggggatgt gctggccatg gatctctggc cgacaatggg agatctgatt 600
 agtacaggga agcgacttgt ggtatttttg g 631

<210> 5947
 <211> 711
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(661)
 <223> n = A,T,C or G

<400> 5950
 cgaggcgcg agagaaatcg agggattgat agcagacggg cgaaagataa tcatattggg 60
 agatcagggt ctgaagggtg acacgtggat cccatatcac ccaggcgga ataatcaat 120
 cttgcacatg gtcggtcggg atgccacaga cgaaataaca gctttgcact caaaggaagc 180
 tcaggcacat atgcagaaat atgtgatagg cacaatcaat ggacgatggg agaactttct 240
 gcctccgatc caggaggagaa tattcagacc cctagcatcg aaggggcgtcg acgacgaaac 300
 gctcgatgcc gaagaagata tcagctcacc tggaaaatcg acaccaccgt caccagtctt 360
 cgatccgqta gagaaaggag atggagtctg tcggaggcgt acaggcactg aaagcccact 420
 tccccgagct tcacccgtat actcatcaga gctggagtgt gcgccatctg gatctgcaga 480
 agcatcaata gccacgcga tatcatcaga tctttcaaaa taccctcgtc ttgatcaaaa 540
 gtcacaagac gaagtgcgtc caaagtaccg ccagctcgat gcanagctgc aatccgaagg 600
 actctacgat tgcccatata gctcctacgc ctgtgaattc atccgatact ctgtcctttt 660
 g 661

<210> 5951
 <211> 656
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 5951
 cgagggtgcgg tcttgcccag ttctgtccgt aaatccaagc tttaccagcg aatcgaagac 60
 gaggggtttc aggcgggtatt cctttgcgaa cgttgtatcc gccttcacgt ttcttgtatt 120
 aaatccgaaa attctgggtg ttgtagcgag tgtgtgaaag cgaacgggtg ctcttgcaaa 180
 atgtccgaac cttccttttc tgatgctgag tggaaacggc tcgtgaaagc ccagaatact 240
 ttggaggagg aggaggagggt tattttggcg aagcttcttc gtttgcgaaa acaaaaacgg 300
 ttattgcaaa aacgtgcagg tgatttcatt gcgcgtgata ttaaagaaat tgaggaaactc 360
 gaggaacttg agcgtcaaga gcaaaaagag cgtgaggcgc aggagaagtt gcaccatcag 420
 gaaactgcgg ttctctgttc cggggctagt gcgtcaagtg gtgatgttca actagccgcg 480
 ggttcggggt tagatcctag cttagactcag ctgatggatg acccttcctt ctgggtgaat 540
 tttgatcctt ccgctgggtg tactttgtcaa ccactgggtg gcagcccgtc aaattctcga 600
 taagcttcca tgaatttttc tgagtatttt tttcacctcg gattccgacc cttttc 656

<210> 5952
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5952
 ggttggtcag cccgcccctg cttcccccag acctactgca tcccaggcgc ctccaaaggg 60
 cctgaacctt ggccgacaag caaacattcc tcgaagccca gaccagaaac gagcgccgcc 120
 cggcaaccag aatgtacggt cgcgaacgca taccctaat cgtccttacc gagaggatgg 180
 aaggttacca ccacggcctg accttttaga cgacagagcc gatagacatt cagattaccc 240
 tcgagggggc cgctatgggt gtgagcatga ttacaatagg tcgttcgaac aacctgtggg 300
 tgatggaagg ggctatggcc gtctcgatag agagtacct ttaaggccat ctatggatga 360
 gtcgttcctg ggtcctcctt accgtgaggg gcgtctccta agagaaccgg agtggccaga 420
 tctgcccggg cgtttgcgcc cttcggatgc tcgagaggca ccacctgtcg cagctccgg 480

tccaccgaca	caccctgac	gtgcagaaat	gatacacgat	catcctgacc	gggaaagcta	540
tcgacgtggg	gaggcactgc	gacaagagaa	tgatgatagg	cgacctttgc	catcaagaac	600
gttttcgcct	cccataatgg	gacttcaaac	cgcccataac	gcttccctga	ataaccgcca	660
tct						663

<210> 5953
 <211> 1210
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1210)
 <223> n = A,T,C or G

<400> 5953						
cgccatatta	ctcatcaatt	attctccatc	tcctagatcg	cgacacttgg	tcctcaacct	60
atctgttcca	caaacaagga	ctactgagca	gtcatgagct	ggacaaaagt	atcagaacgc	120
cgcctgggagc	gccctgtcac	cggaatggag	ggatattttg	tctatacggg	atcgggtgtca	180
gccgcctcact	gcgatggccg	ccaccagtac	accatcttct	ccaagctgaa	gatcgatctc	240
ggatcagtc	cggcggacgt	tgaatccgca	ctgaagcgcg	cctggaagcg	gctacgggtct	300
gagcagcccc	agatcgccac	cacagttgat	gggacgacga	tggtgtatga	ggttcctgat	360
gaggcagctt	tgcaggagtg	gctggcctca	acctttgttg	tctcatctgc	tgcagatgcg	420
gaggatttat	accgcaatgc	tgagcctatc	aagcagggtta	cactggatta	tattccgaag	480
tcctcggagc	ttgtactggg	tgtttaacat	tacacaattg	acggcaccgg	tacactactc	540
ctctgggac	gctatctgac	agccttggca	accccagccg	aggaggtcac	atctgggtgac	600
gagcatatccc	ggctggcccc	ctccattgag	gatgtgctca	aggtctccga	gccgacggcg	660
gaagaaaccg	agaaggccac	ggctctcctc	atgagctatg	cgaccaaagc	tcgggggtgtt	720
ggccccggtt	ccaaagtgtg	caccgtgcct	gctggccggg	cccaatatgc	agaagtgact	780
ttctccagcgc	ggacaacgga	agcaattatc	aaggatatgca	aggagaaggg	catcagcgtt	840
acctcggccg	tacatgcagc	ctacatccag	gcgattatca	aacacgctaa	tcaccaacggc	900
acattgtccc	gctatgtcag	cttagggctg	ttcaacctgc	ggccctacct	gccgaaacca	960
tacagcacia	gcgagtacgc	ggcttcgggc	tactacacac	ctcttccttt	ggactttgac	1020
ctccctgccc	cattctggga	gacagcccat	ttactggata	agtactaccg	gaccacgggtg	1080
aaggatgatc	ctgagatcct	gcccctgcac	acacacatga	cacgcatact	ctgccaaagct	1140
tcccagatgc	ctgagtacca	ggggctcatt	ccccgcgatg	cacangtcag	cagcctgggc	1200
atcgtcgagc						1210

<210> 5954
 <211> 604
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 5954						
ttacccaagg	catgacctgc	cgtgacacgc	ctctacggccg	taccggatct	gcccaaacat	60
cagagagcca	gcagtcctaca	gccggctcga	acaccttcgg	atcgggcatg	tcggacgtct	120
ttggctcgtc	ccagggtggc	tttgggcaga	accagcccat	ctctcagcag	cccccagtga	180
ccacggagga	aaccaagacc	tttgacacgc	ccaaggctct	tggacccagc	cttccctag	240
ctcaggctaa	cgcacctggt	tcgcctacca	acagcgtgcc	aggtcagccg	caggcacaaa	300
ctggccttcc	ccctctgcaa	ggccaqcaag	gtcagcaggg	ctttggcaac	tatccccact	360
tgaacccctc	gtatgggggt	ctaggtggac	ttagnggaca	ccagqqtqca	gccaatcaaa	420
cccaccacca	ggctactggc	tacggtaact	acggaggcgc	cggcttccact	aattattatg	480
gcaacaccgg	tcgcgggtggc	tggggaaggc	attacggtca	ctaaatgatg	atgacattgc	540
atttttcccg	aatggcgga	ttcatatttg	gtccagngg	gtggcaccct	gaactcaaa	600
cttn						604

<210> 5955
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

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<400> 5955
cgctgtgtgg cctcgtgcgc cattggcacg gcgctcgtgc gcggaactggt gctgcgagag      60
attcacacag aggcagacat cgattccatg atcggcgcgcg ccattcactg gtatgcgaag      120
taccgggttc gggcgttgca agagcaccgc gaacggcgag acgagccaga cttggacggt      180
tcggagctgc gccgacacgc caaggtagag agcctcgacg atttagagct aqacgacagt      240
ggttaagattg gctacgtata caagactctg ggcgagggcg tgcacctctt ccgtctcgcc      300
atgcgtgata ctgcaaccgc catgctcaca tcccgggcac tggcgtttga gccgctcatc      360
acagacctaa tcatgcgagg cggcgacgct gacaccaatg cctgctttgc gggcgctctg      420
ctgggcgctt atttgggcta cgctaactct cgccttaact ggcgcaatgg gctgcgacac      480
ggcgagtggg tgctgggtaa ggctgagggc ctgagccaga tgttgggcgt cgcagatggc      540
gagtatgtcg ggtcggcaga ccgggagacg gcgctggacg gcgggcgagg tgggatgcct      600
tctgaggctg ataatggaaa ggaagggat ggtgctgcaa gcatggatgg cggancaaga      660
gcaagaggcc aagcggagag ccagcaaact ggagga                                696
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<210> 5956
 <211> 690
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5956
gacccagtcg tctcagcagc ctccggtcac cgcgccttcg gccacgcctc aaatcaagtc      60
tgagggtccaa caccagcaac caacaacaca gttgaatcag cagatgcaag tgacaaagac      120
ccagaacgca acacctggaa aaggcgccaa aggacctgct tctaagcaac cgccgaagag      180
gaagatgcca aatgaagaaa gcgcggacgc ccagaatacc cctgcacaaa agtcggcgca      240
gcctgcgact tctcaaggat tgctcaggttc tacgccagca cgacctaca tgccgttcac      300
tcgtgagcag ctggtcaata tgacaccaca gcaacgtgca caattggagg cgcacatacg      360
gaggaacacg agccagaatc aaacgcgagc tcccatttcg agaaccgctg cggaagagca      420
atggaacaac ctaccggaca agatcaaaaca atggtacacc gaaatcttgg ccaacgcccc      480
atccaatgat cctattttctg ttcaaccaga gcaaaaagct caaatggccc agcaactacg      540
ggagtgtacg gatatgctgg gtaggatgga tacactggct caatggtttt ccaagattcc      600
caatcaggaa aaagaatgtc aaaagcttat tagctatgcg catacaatta atgaggcaat      660
tcaaatctgg actgactgga cgatcaatga                                690
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<210> 5957
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(680)
 <223> n = A,T,C or G

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<400> 5957
gctcgttaga agtcgattct ctggaagccc ttgtcatcat ccacaatgag ctcgatcctc      60
tctccccacc tgccccggac accgtccagg tatcgggtct gatgggttct cttgctctac      120
actctacaca tgattttacat gaccgaggtg aagccagaaa ggaactgcag atggaggaca      180
tttgctgttc ggcgcatgga ctgtctatcc ttgtgacagc tacaaaaggc gatgtaaagc      240
actcggttct gttccatgca ggtccagaag gcgagatatg ggagaggaat gtcaagcggt      300
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tacggccgga	tctgtcttct	gttgagctgg	ttcaattatc	ccattggcat	egggaccatt	360
cggtgtgctt	tgtccgagcc	attgaaatga	tagctgaggc	caaaaaagcc	aaaggccaca	420
cagacaaagt	ggcggtagat	cttcacacct	accgtcccca	ctatcgggga	ttcgccctgg	480
gtccaaacat	tgtttccctt	caggcggatc	ctaccttcga	ggaactcgaa	gctgctggcg	540
gagctatcca	aaagcatgac	gaggcacaca	ccgtgcttga	caatntcttt	ctgatctctg	600
gcgagattcc	ccgccagacg	gcgtacgaaa	acggatttaa	aggaggcatt	cgctttgata	660
aaaggaanag	gattgttttt					680

<210> 5958

<211> 900

<212> DNA

<213> *Aspergillus oryzae*

<400> 5958

gncagcgag	acacagccac	catalgggag	acaaagtaga	gacacttggg	gggaatgacg	60
gattgtccga	tcagaagcgg	gagatttatc	agaagatftt	atctgcagct	ctaqaccaag	120
tgtccggaaa	cccagagcct	agtcaggctg	attcgagac	ggtgcctgac	agtaagtccg	180
acaaaaaagg	ctggatacaa	tgcgaattct	gcacgaagcg	cacgcgtctg	cgctgtgaaa	240
tgaagaaaca	caagaagcgc	catgagcgac	cgtatggttg	cacattcgaa	aaatgcagca	300
agaccttcgg	tagcaaaagc	gactggaaac	gacacgagaa	ctcccagcat	ttccccctgc	360
agatttggcg	atgcaccctt	cccgatgcta	cgcaagggga	tcgatcttgt	gctgccttat	420
tctataacca	aggagaatat	accggtcatc	tgaagaagca	tcaccatgca	gaagataaaag	480
aggtacaagc	tgcactcgcc	aagaacagca	tcggtccgca	cggacagtcg	caattctggt	540
gtggcttttg	tcgcgacatc	atcccactaa	agggccaggg	ccttgccgcg	tggaaatgagc	600
gcttcaatca	tatagattct	gagcacttca	aaaaatggcg	gcggattgag	gattggctcc	660
ttccttcggg	gcattctgac	aagggcgcag	aacgcgatga	aggaaaggaa	cgaatcaaca	720
cgcccgaaga	tgggaatggc	gagcctccag	cggacgatgt	gagcgacgat	gaaactgcgc	780
gcagtatctg	taactctgag	ggtgagaacc	aacgggatga	aaccccgatg	ggagccccca	840
aaacaagta	aaaaatcttt	acttttagca	agtgaacaac	tcatttccaa	aaacaatttc	900

<210> 5959

<211> 1199

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1199)

<223> n = A,T,C or G

<400> 5959

ttgaactgat	ccctcttcat	caactttgtg	gtttctgttg	ctttagtatg	agattcatcg	60
tcttcgttga	ccttctcagt	acctgtatcc	aacctgtttc	gctcgccctat	atcatctact	120
tgattgtctg	gcttgccaga	gattcgctca	ccattccatg	gacgtctttt	gttctcatcg	180
cagcgatcta	tggctcttcag	gcctctatct	tcattcttcg	ccgcaagtgg	gaaatgattg	240
gctggatgat	tgtgtatctc	ctggccatgc	ctatattctc	cgtggccttg	ccctctact	300
cgttctggca	catggatgac	ttctcttggg	gaaacaccgc	cgtcatcact	ggagaaaagg	360
gcgcganagt	cgtcatttca	gatgaaggaa	agtttgaccc	cgctctctat	ccgaaaagag	420
atgggaggag	tatcaagcgg	agctctggga	ggcccagacg	tcgcgagacg	accgctcaga	480
agtttcaggc	ttctctatct	ggacaaagtc	gtatcaccct	gcgcagtcgc	aataggggtt	540
ccttgagcta	gaaccaatgtc	gcagttcgat	cttctctcgt	atgggtccag	gatgtctcta	600
actccttcgc	gatgatgagc	cctcatatgg	acatggaaat	ggaggatctc	tcacatctgc	660
ctagcgagca	tgcattcttc	gcggaaaatc	gtgaaaatcc	gggacagccc	gaactgatga	720
ccgtaacgaa	gaagagtatc	aaacaagagc	tagagaggcg	ttttgggttg	aatctcgatg	780
ctagcgctcc	atataccaac	tcagccaccg	aagctgttct	atcgggcgcg	ctctaatctg	840
agggccaagg	tcgatgtgta	ttgcattgga	gacggttaac	ttttccacgc	tgtataaaaa	900
tttcttatct	gatttaatat	tcgcatatcc	attgtcgcaa	ctttataaac	tcgcagctgt	960
gattgtttgt	ctacagcttc	gtattttggc	ttctcgaagc	gatctatgat	gtctatgact	1020
atcgcaacat	actgcccac	ctttgggttg	tgtctctctt	catgacaata	ctcgacgtct	1080
ttcggatgca	ttgccacgct	ttgttagact	ggacggaatc	aacttgaatg	gacaggacct	1140

gctttgttct aatttaattct gcgggggttg tgaatgattg aaatgttatc gtgaacctt 1199

<210> 5960
<211> 1247
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(1247)
<223> n = A,T,C or G

<400> 5960
tcaaggccta accttgtctc gcgacgctcc ctcttgacaa tgatgatgca tcagccaact 60
anaatgggag ctcttacgcg ctccagtgcca gccttgcaac ggtcgcgttt gacatcacca 120
aacggcccar ccctcccgcc ctccgcgcct gaagacgatg aggataactt gacgatgcgt 180
ggcccaggtg tccctcgatc gaagcccata gtcctgaaac ctactccgca gtcagtcgct 240
cactcgccga ggaccacgcg acggaacatg cttgccaccg aactcacgga gtcactccga 300
cgccatttac tttgggaacg acagcagaag agtgcgactg ccaatgcctt cctcaagcga 360
cgacacactg cacatgacat ggcaaacttg caggaatatc ccaatcctaa gggggcacaa 420
aagggaacgg gtgttggcgt gtccaacccc cgtgcagaca aggacaagga tatggcgaag 480
acagcttctt tcaatcaata tactgacttt ggtccgtggg agtnaccacg ctaaggtttg 540
taaacgaaca ccgatcgcat ttogaagtga cagcatcggg tcgcccttga gaatacccaa 600
aacaacttgc tttctttatc tttctacttt tcacattttg ttatctgtgt catgacatat 660
tcttctcag atgggttatg ttattgacta tgatacccaa accttcaacg cgtttcttta 720
ttatctatgt aaagccgcgc attgaatatc cttgtgacac gtacgatcac gactctgcat 780
tgcattcttg cgcaactatg gatcatatgg ttgttattat cgacctaat ccttttttcg 840
ggtctttgat tttattttct agctcctttt tccatcctc ttttctcgtg gcattgtgtg 900
gcatacagtt atgttgatat tatacgagcc atcttgagga caaaacctca agcgcgatta 960
atcatgtaca gatgatcttc ttttaccttc catggcgggc ggaactgttg cgattcgaat 1020
ttggcatggg ttcttatggt tttctctttc cagtacgggt tgggtggaac ttttcaaaaa 1080
gaggcctttt atggatgtca ttgctacgtc tcgtgactgc atcttagcag aaaacgtcat 1140
tggtatcatt cgatgcattt gaagcccttg ncttttcttt ctttttcttt gttggtctga 1200
taccagatac catacatatg tntttgattt tgcttcgcgc ctttact 1247

<210> 5961
<211> 664
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = A,T,C or G

<400> 5961
gtcccgtaga tccctaccaac ctatggcgct accctctttc agctctccca gatctacett 60
ataaactgtg ctggctgtct cacagcttcc ttttccaata tccatgtttg ctgcgcgcat 120
ggcacggggg gtacattagt gctaggagca gtgatccaaa caattggatt cgcactgatg 180
tactggaaac cggccttttg gctctttact gctgctttct tcttaactgg catgggaggt 240
gcctatcaag acgcccaggc gaatacatte acaacaacag ttgacaatgc gcctcgctgg 300
ctgggaatcc tgcctgcggt gtatgggtgt gggacaatta tctcaccat tgttgctaat 360
gtaattgcct cgggaacgcc cgtctggcat gatttttact ttgtgatgtt gggcttgggg 420
ctattaaact tgtgtctttt aagggtggaca ttccgagaag gtctctttta acctaacaa 480
aggaacggga ggggaacagc ngccagcgaa ttgaaaacaa cgtatccaa taaagcggtc 540
tggatactaa gtggattctt ctttttctat gtongcgccg aggttactgt cgtgttttgg 600
atgggtccaat tcatcgtctc cgtaagaaat ggagacccaa aagaagtaag ctacatagcc 660
tctg 664

<210> 5962

<211> 705
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 5962

gcagatatac	cgggcgcaat	cgctcctggcc	tacaacctat	tcttgtctga	aaaagattga	60
catcgatata	gctcgttcgc	tcgctagact	gtctcagcaa	tgaatcttcg	agccgcgggc	120
cttcgcaagg	cccgcgcgca	acgctccttc	acatggcttt	tactcctcat	tgccgttcta	180
atgttggcgc	aaatatcctt	ggcccaagat	accactggga	atgacccgcg	gtcgacaacc	240
gacgtaacaa	ctaaggagac	cactacagct	acgacaaaag	atgacactac	cacgacatcc	300
aagacacagg	aaacatccgc	gacagacaaa	tcagcaacga	caacaacatc	cgagtccaaa	360
tctacagact	ccagtacaac	ctccaccgca	acgaatgatt	accccggtgg	gacagtcctc	420
ccactcgcgc	acgcaccata	catgcaaaca	tcagataccc	cggaaaggaa	cgtcttcata	480
gccgtcnggg	cagtcctagg	cttcgtgggc	ctcgcaactcc	tagcctggcg	cggaatggtc	540
gcatggctcg	taaaccgatc	tgcccggaag	gcagccataa	tgcaatcctn	cgaggcaaan	600
ggactcctnc	gncacaagaa	gaagagatcc	gngcaccggt	cttatcgngg	gccccaaaac	660
agccgtgttc	cttgaaaaaa	tcggcngggc	ggcaccggac	aaacc		705

<210> 5963
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5963

tttcaacaat	tggtttctct	tcctcgcccc	agctgctttt	ataccacttc	gtctcttttc	60
atcctccatt	cggttttcgc	gtctgggtcat	atcggttgatt	tactgatcaa	ttgaggactc	120
cattactatt	catccatcca	tacacacatc	tccaacccca	ttcacgacca	ttatgttgcc	180
gacgtgtttt	ctctccactt	tggtggcctc	cgctactgca	gtgactaccg	ccagcaacta	240
taccttccct	gagggattcg	atctgaacca	ggtgaaaccg	gcggataagt	ctgcctgggtg	300
tcaggccgag	cggaaacgct	gccctaagat	ctgtggcgga	gttgctgata	agaacacttg	360
tgaccgcgaa	actcttgatt	tcacttgcac	atgctccaat	ggcaccgatg	ctgacgtcgc	420
gccttacgcg	gagactgtcc	ccttcttcgt	ctgccaggag	aactaccggc	agtgcattcca	480
gcgctctact	gaccttgacg	gcgacgagaa	gtgcaaggag	gccccaaagg	agtgtggctc	540
gaagaatgcg	tcgatgcct	ctggctcgtc	ttcatcgact	actacggcca	cgctcttgcc	600
tacctcgact	ggttcttcgg	gatcgagcaa	gagcgaaaagc	tcattccaccg	gcaccgcgac	660
gagcagtggc	agcacaagca	gcactaccgc	taatgtc			697

<210> 5964
 <211> 718
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 5964

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aagaaatcct	ttcagaagaa	tcagcatttg	aagaaaaaag	cqatgacaga	cgctcaggtg	120
aatccgattc	agattcagac	gatcttgatg	acgaagcatt	ggaggagacn	gargacaact	180
ctgaacacga	cgggcccgtt	ggcttagaag	acgaacgaaga	tagtgaagat	ggtgaagaca	240
atgataatgg	agaggacgat	gtccaagctt	cccttagtag	catatccttt	ggagccctcg	300
ctaaagcgca	agcgtcactc	ggtccgaaaag	gcaagcgcaa	tgcaaaaacc	gccccaacct	360
cagaggagtc	cccgcagact	acatcaccgc	taqacgacat	cagagcgcca	atccgcgagg	420

cacgggagca	aaaacgtcaa	gaatccggaa	aatccaagga	ctcggcaaaa	cctgcaagga	480
cttcaaaaaca	tgcccccatg	gttcagtcac	ctaaacgcgc	cgtttcacgc	aagcgcactg	540
ttgtcgaacc	tccatcggtg	cccaaatacg	gagacccacg	atttgatccg	acagtgtctc	600
gtcatgggtg	tcgccataat	gctgaatcgg	ccangaaggc	atactcgtn	ctagacgact	660
atcgtttctt	agagcctgaa	gatgctaacg	ccnnagtcgt	caatacnaga	acgccgan	718

<210> 5965
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 5965						
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tgctcgagaag	ctggccgcta	agatcactga	gtggaagaag	aaccaggctt	cgaagaccga	120
ggagaacatc	aagaaggccc	aggaggaaat	tgcccgcctg	gaggaggagg	cctctcaggt	180
cgacgaccgt	gcgactgaca	ctgccaagaa	gcccgcctatc	atcaacagcg	gtgttaacgg	240
caaggtctcg	gccgaggccg	agctgaagca	ggagaaggat	gccgccgccc	atgtgtccga	300
cgagctccag	aaagcctccc	ttgaggagac	ggcttaagtg	acgcgccccg	gatagactta	360
tgcaactttg	catgtttctg	catcagcgaa	ttgacgcttt	agaccccaag	cggagattta	420
gcattttacat	ttcatttgtt	tttggttagt	tctgtgcac	ttatcgacaa	ctctttgctt	480
ttgcagatcc	tccctttttc	tttctccgcg	cggaatctt	gcaccggtcg	gagggagctt	540
aattctcctt	tgcgaggcca	tcgtctggct	gttatctctt	tcttgtaate	catattttact	600
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<210> 5966
 <211> 713
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 5966						
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ccgcgcgggc	catttgaaca	tccaagagac	cctccgtgga	ccactctatg	gaattctctc	180
gtggtggctt	gccacctccc	tcaactcttg	cattgcgcgc	gccggatgtt	ggctttctct	240
ccatgaattc	tgtgaatcaa	tcgctgcgc	gccctgcggc	gcaacggcag	agcgcgatg	300
atactagcca	gtactggcat	gcgaaggcgg	aggaagaccg	gagaaggcaa	gaggaagaac	360
ggaccaccca	ggaatcgttg	cgtctagagc	agcggaagat	cgaacagagt	atgcttcgag	420
attccctgca	agccggcgta	cctgctcata	tgattccgct	catcttcgcc	ggcatcagcc	480
agaatggcgt	cccccaatca	gtcatagaat	gggcccaaca	acatatgaca	cagggcgcctg	540
ccgggtcccg	tcggccaccca	cccttcggc	cggctctatc	tcattcctcc	cattggggcga	600
gatttgcaagc	ccgcggagag	tctcgtctca	ttcttccttg	cccttatggc	gctncaccac	660
cgaacatgt	catacctgcc	ccgggggatcc	tcttattaca	acctcttctt	tct	713

<210> 5967
 <211> 865
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 5967

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gcgcattctac	gtggaatcat	ttcctcttgt	tccacgtagc	ttgatctatc	ctgcaatcca	180
ggctcagggt	gcccccttgt	ggaggaatca	tctgtgaaga	gaacatataa	cccttaacct	240
tctgtacccg	gagttttctac	tcttataccg	agtcccagat	cagatagcgt	aggteggcca	300
ccacaggtat	taaactctta	tcacacagca	ccttacggaa	ctgtcgaccc	tcgctggctc	360
gatactgctg	accggaacgg	tccggaggca	ctgcccagat	cagatgattc	tctccatcac	420
ttgagccaag	acaactccacc	acaggatctt	gatcaaaactc	agcattggga	aggagagtct	480
gcagatacac	ataacagttt	cgagtcgccc	caattcattt	ttgaaccacg	ttcgcccag	540
acacaacata	tagcacctga	gttaccctcg	gatctctcaa	tttcaggaca	agatacatcc	600
tctgccaatc	aatcgagtga	ttctacctca	cagtcgttcc	cgtgtgaccg	gtgtgatcgt	660
gtctttgaca	aaagacatct	actcaataaa	cacaagactt	ccgttcacga	tcgcccctac	720
aagtgtgacg	tancaggtct	gtccccgaca	gaggygttct	aattcaagaa	agatctcaga	780
cggcattaca	acaactgtcca	cgggggatga	agttccaagg	attatlaact	gaagtatcgc	840
tgggtgctccg	cttcaagcca	caact				865

<210> 5968

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5968

gaagaaagac	tcaaccagaa	ctattcgctt	cagtgcacaa	agaatcagaa	gaaatcataa	60
cccgaaagaa	tggcgactac	ctactttctt	cctccacctc	aggacctca	atttctctcg	120
cccccaagat	cgcgaacttc	tcaactcgaat	ccccaaagcc	tctccgattt	ctcgcaaccg	180
aatttccagtt	tccccccgcc	gcaacgacaa	caaacagctc	ctgccgtgag	cccattcgca	240
acggatacca	atgccacagc	gtacaccgcg	aatggggata	tcggcaatcc	atacggatca	300
aaactcgtgt	ctctctcccc	tcaatcatcg	acgccccag	cggccgtaca	gccccaaagt	360
gcccccgctg	tgtcggccac	aagtcaagat	gaagtcggca	cattcaacgg	tggaagctac	420
cgcacacagc	accgggacac	caactcagtg	ctcacaatgc	agctggcaat	gggatgcccg	480
atcgaagcca	accaggcgcc	atggttgcaa	tgtcccgcga	catttccttc	aagggaacag	540
tgaaaatccg	cctatcgaaa	atgtcgccgg	ggggatgacc	tctctgatta	cacggggccg	600
ggtgaaatcc	tcttgccgcc	gctttctctaa	gcgaaat			637

<210> 5969

<211> 645

<212> DNA

<213> *Aspergillus oryzae*

<400> 5969

cgatagacaa	tcagtcgttc	cttcgttctt	tcattctttt	ctattaactc	tagtcattcc	60
ttcttgaatc	attcaacttt	caatatgctc	ttcaacaatc	cctcgactat	ccttgtgggt	120
gcattggggt	gcattgtcgt	tttgtcccag	cgggcgtatg	ctgcgcatac	tccttatcgt	180
caccgacata	gccaaacatag	ccctggaggc	gtctatgatt	ctgtccacc	agtcagcgcc	240
tgtgggaacc	gcgctccaac	tgcacacaac	actgtgactg	taactgaaac	catcgatgcc	300
agctcaaacg	agctgaacgt	cattacatcc	acggttcttc	ctgcttctca	tactactgtg	360
gatacttcca	gctccagctc	cagctccacc	tttaccagtg	tcgtcgcggt	ttcctctaac	420
tctacatcta	cgtctacgtc	taagtctgtg	tctgaatcta	cctctgtctc	taactctgcc	480
tctgctctct	cgtcaggcaa	tagcaattca	aaggcaaaag	tcactatccc	gtactatcta	540
tatccatcaa	cggcgcgctg	gacaccttg	gaagaactga	tcgttgccaa	ttccgatgtc	600
caattcaacg	tcactcatcaa	tccaqataat	ggcccttggc	tcaac		645

<210> 5970

<211> 1175

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1175)
 <223> n = A,T,C or G

<400> 5970
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 tacaatcaat tectgaaaac tctcatcgca tctcttttgg cctgttcttc tgggtggttgc 120
 aacccttcgg aagattcccc acttgcaaga tcttatcttt ttagtccgtt tctagaatct 180
 ttttctcccc ctctatcaga tcaagactct ccgatcccc cctcactctc tcatccactc 240
 tccaattctt ccttttcacc atgactcaac cctccaccat cacacaacgc ttctgttcca 300
 agcccggaaa tctgggtgtg gtagcagtcg gcttcaatgg cggccagtgc aaacttggag 360
 ttgaggctgc ccccatggcc ctggctcgagg ctggcctcct cgatcaactc cgcgacgacc 420
 ttggctacac cctcgactat gacggcaccg tccactacta cgaanaccag atccccgcgc 480
 aagatcccca ccaccggggc atgaagaagc cggcggctgt gagcgccgtg accgaagcgc 540
 tgugcgacaa ggtctacgag aaagcnaagc agggctagat ggtcttgaca ctgggagggtg 600
 atcactcgat cgcacatcgga tccatctccg gctcggccaa ggctaccgcg gaacgcctgg 660
 gtccggagct ggccgtcacc tgggttgatg cgcacgcca tatcaacatt ccggagatga 720
 gccctagtgg aaacatccac ggtatgcccc tggcgttctt gacgcgcttg gccgcgagg 780
 agcagaagga catcttcggc tgggtgcagg atgagcacat cgtcagcacc cgtaagctgg 840
 tctacattgg tctgcgcgat gttgatcgcg gcgagaagca aatccttcgg gacgatggca 900
 ttaaggcggt cagcatgcac gacattgacc ggtacggtat tggccgtgtg gttgagatgg 960
 ctctggccca catcggaaac gataccccta ttcaccttct attcgacgtc gatgctctgg 1020
 atccgcagtg ggctcccagc accggcactc cgtgctgtgg cgtctgact ctctgtgagg 1080
 gtgatttcat ctgcagagtgt gtgcattgaga cgggcaacct ggtcggcatg gacctggtgg 1140
 aggtcaaccc cagcttggag tcngtaggcg ccttc 1175

<210> 5971
 <211> 958
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 5971
 cagtatatgc tcatgtaatt gaatatctat tgaggctcatg cttaaagtagg ttatctatac 60
 gaaatgggga ttgaggata aatagcactt gaacaaaaca gaattgggat agacgttttg 120
 aacaccacgc gctaagccga aacatctttg ggtagaaata gagacgagga acaaaaacaa 180
 tatgaagtaa catttgtgcg acgagtttcc tttatccggc cattctttta agcggatgtg 240
 ccaccaccac cgcgtgagac gttctcactc tctcctcgt atttctccca gttcgccaaa 300
 atgttagcaa tacgcggtga attcgtgagc ctgtagacat cctcgaaata ttcttgggtg 360
 agttcgaagg ggcgagctgt gacatttgga atatatcttc caaccaactt gctgggatca 420
 atagtgtttt tattgatctt cttagcaaaa aacgaccgga aaggcttcac accagaacgg 480
 aggaaagtgc tgtggaaggg aacgtcaatt cctctcagag ggatggtagc gaagccacgc 540
 tcaagggtaa tgggcttagg cttagactca gtctgcttga cacattcgtg aatgatttta 600
 accaggtgag ccttcacatc ttccagagac atgctttgca tgagagcggg aatgtcaatg 660
 ttctgagcct tcaagtaatt gagtagattt gtaagacagt caagtgcctg gagatctcca 720
 gcagcaacgt attgcatgtt tgcgacgttg tagttgacaa tctcaagtag ccagccagtc 780
 tgttcgaga tattctctac cacatactgc agagcctgct cattaaatgt cttggaaatc 840
 cggcttggat tgacagcgca catagagtag ttggagcgac cttgttcata gcgtcaacc 900
 gcaacttgcg tagtcaacc gcgatagat acgacagaa ccaagctttc aataggca 958

<210> 5972
 <211> 866
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(866)
 <223> n = A,T,C or G

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<400> 5972
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tcacatcgnr cctntanncc aggtgcggct tgatccgac cgcacgaggc ccacgggtaca      120
ctattagatc atagatcacc acagtggagg gccatcacgt cagggactat atcccactga      180
cctccccgaa caacgcgcga tgatgggggc attggaagct ggtcataggc atagggacca      240
tctgccagct cttgggtttc taggaaaaga cggatcggga tatcccccca aacacccttc      300
cgttgcatcg gcccctgtca catacccagg aactcttctt agcccaacaa gcatgtatgc      360
ccgccagcca ttaccgtgct cataccccac gtcggcccgt cagcgtaccc tttgtgcacc      420
ctgggttatat ttgcctacg gattcgcggc gcgcgcttga ggaggaaaag gagaaacaac      480
agtcacaacc accaaggcaa tcaactgccga ccatccacga ggggtaggaa accaacaccc      540
cccttcgcta ttcttgcgcc cacattgggt ggctccttaa gcagccttgt caatgccccg      600
cattcacatt ctctctgccc tcaaattgtg ataggaccgc cagacagtgc ctcggaacttt      660
aatccgacgc attgtggact ggcactcttg ccagagtac ccccaaaaat acgggagacc      720
atacagagcc tgtgactttg gggatgccga cctgggaacc gctatagagt agtaactcgc      780
cgagagtcca cctggggagt gcacacacgc ctcgacagct cttgactcra gacgtgtgct      840
gtagaccacc tacgacgcta cgcgccg      856

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<210> 5973
<211> 304
<212> DNA
<213> Aspergillus oryzae

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<400> 5973
cgggttccgt cagtcaccag ctactactat tctccattcc ccctcacgct ctatacccgc      60
cgcaaaaacc accaactaca totatcagag aagaaccatg tcttcagact cagcctcagc      120
ctcgggcccgc taaaaactcg tttctctcgt cccgcattcc cacctcgaag cgtgtaaaga      180
ggccatcttc gcgaccgggg cagggacctt cccggcgcggt aaatatacca agtgctgctt      240
ccagatgcgc ggtcaaggcc aattcctgcc gtctgatgaa gccaaacccg cgattggagc      300
tgca      304

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<210> 5974
<211> 711
<212> DNA
<213> Aspergillus oryzae

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<400> 5974
catcgatata atccacacat ttccatacca ctccctaatat caatcacaca gctcaatcca      60
cccacactac accgactcca gcaatccaaa atgaacctcc tcttcctagc cctcacccctc      120
ctcaccaccc tcaccagcgc aactcccacc cctcgccaga tgaacatcct ctaccacctac      180
gaaacctacc gctactgggt ccaatccggc aactggaaac tcgaccccca agaccaactc      240
ctcgtcgtca aaaacggcaa cgcagcagac gaaaccacca gcacgtaac cttcaacatc      300
ccctccgcag ccgacggcca caaatgcaag ctccctattc acctctggga ccgcgacgtc      360
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totgacgcga atactgactc tgcacgcgtg cagtctgtgt cgaaggaggt cgcgagtgtg      480
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attgggtgtt ggcttatcag ggttatccg agtttgaatg gcctcgctgg gcaaattagg      600
ggggtttgag tttggtgggg gttggtgatg aggaggctta ttcgggggga tctgtggagt      660
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<210> 5975
<211> 693
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(693)
<223> n = A,T,C or G

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<400> 5975
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atcatgagct gaattcttga acaatcccta ctccagactt ccaccacacc ttccgtgttt 180
catcgacttc caaaagaata cctctcacgc gccatggcgt cctacgaag tgagcacacc 240
aatggcgtaa acggcgaaac acaccccaca gttaaatcat tagcgaacct tcgtttttcg 300
gacattccct ctgccattga tattcctgca tccaccctcg acagcgaggt cgagggtcagt 360
ttggaaggte ttccagacga tctacggag ctttgactc tactagagaa tgaaaaggcc 420
cgcaaaaatt tctgggttat catcgcgctc gcttatgcca nacagaagca aatcgaccat 480
gctatcgaca tncctcaca agggttgaca tcngtcgctc atggagcgac gaaagagagc 540
ctcgctngct gggnttggtg tgccctgggtc ctatgttgaa aaagccgaca agccccccaa 600
tgggcccccg aggggaattg atgccgagggc ttaaaccaag gacattacct tcagctggcg 660
acgtcaccat aatgaagca ttctgcctg acc 693

<210> 5976

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5976
cccaccccc attgaatacc gtatcctcct ctctccgtca agatggcata ctggaaagct 60
gctgggtttga cttacaaccg ctacctggcc gttgctgctc gcgcgggtccg cagatccctc 120
aaggagacc ctcgtctggc tctgagcgc cgtggccaga tggacctgcg ttttgctaag 180
tgggagaacg gcaagcaggg cgaggttcgc tccctcggtg aggccaaacca ggaggccgcc 240
gttgcccatg ccgagaaata gacgcttttc gaaatcactc gcctgcgata atatgggata 300
ttttttacga gaaggggggt acggttgatg atgtgtggtg caggaaatga tttggagctc 360
tgtagcatat tcgttcggtg acctgggtata aatacaatga aaagaccatt tcttttctgc 420
caacagggtg gtttaaaaaa aaagaaaaca aaaaatccct gaggcgcgaa attctgtcgt 480
aaacgacgct ccactgttaa cttgacacct ctgttaaagg ttacatgcct tcccaatgct 540
aagcgggttaa aggtttccga tgttgccgaa atgggtcccc atcctagcgt catctgggga 600
acccccta atgttgagtg aagtaaaaaa gaaggtggtt atccttacc acatggatta 660
getattgttt gaaaccagga atttaataac t 691

<210> 5977

<211> 853

<212> DNA

<213> *Aspergillus oryzae*

<400> 5977
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aaaattgggt acccgccaag tgccaggcaa tcgtttctca cagcaatcac tattactacg 180
gaaaagtaja tctgacagcc tttaacctggc cgttccaacg agcttttctt ttctcttct 240
tccaatcaat ggtatcatte gcttgacagg ctctctcttg cgcgggtccc tgttgcaagt 300
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ttgccttact tatccccca attaacacgg cgcggcgagt acgacgcttc ctatatcccc 420
tcagagtctt aacccccctg ccccccctggg tcgtgttgcc cgatctctgc cgcctatctt 480
ggaaggcgta aatagcctct cccctttcttc cgaggccctt ctgcctcttt aagatacatg 540
gcaggcggtg aactgcaaca acccaccatg accgactatc gattgcccgt ccacagccca 600
ccactctgct ggaagccggg tcttggtgat catgctgggt atccattcca gtcctatgat 660
ggacctcata agcaacagct ctctcaccga tctctcgctc acaatcgggg ccggatgcct 720
tgggccaatg cgtcgcccta tatggctcag caacaacgt actccaatac cctctcgct 780
cctcatacca tgacctctac tcttagttac cctcctctga gaagaatgtc cagcgccaca 840
acctctacaa gct 853

<210> 5978

<211> 1749

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(1749)
<223> n = A,T,C or G

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<400> 5978
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ccaatcgatc tcagatcgtc gttccgtttt cgtctttatc ctatcgcagg aacaaagctt      120
ctttccaagc agttaaaatt actgggttct gctctgcata tgttgcaagc tgagatatct      180
tgaaaaacca cttcttttagt ctatatcctt cacacacaca tcaattcatc atgtctgaat      240
caacaacccat ctccaacacg gagaatctca tgaagtacat gaacctcgac cagcgcgagc      300
gcgtgcaggc cgagtatgtc tggattgact ccgttggttg atgccgcagc aagaccaaga      360
ctctctctaa gaagggttac tccgttgacg aactccccga atggaacttc gacggttcct      420
caaccggcca ggccccgtgt gacaactcgg atgtctacct gcgtcccggt gctatctacc      480
ccgacctttt ccgtcttggt gacaacatcc tgcctcttly cgaaacctgg gattcggatg      540
gaacccctaa caagtacaac caccgcacag atgccaacgg cctgatggag gtcaacgcca      600
aggaggaggt ctggttcggt ctgagcaag agtacaacct cctgggcaac gatggctggc      660
cttacggatg gcccaggggc ggtttccccg gtgcccaggg tccttactac tgcggtgttg      720
gaactggcaa ggtttactgc cgtgacatcg tcgaggctca ctaccgtgct tgcctgtacg      780
ccggcatcaa catctctggt atcaacgcgc aggtcatgcc ctcccagtg gtagtaccag      840
ttggccccctg ccccggtatc gagatgggag accagctttg gatgtcccg ttctctctcc      900
accgtgtcgc tgaagagttc ggcgctcgta tctcttcga cccaagccc atcaagggtg      960
aatggaacgg agctggtctc cacagcaacg tctccacctg cgccactcgt gctgaggggt      1020
gtatgaaggc cattgaggct tacatgaaga agttcgagc ccgtcacgtt gacacattg      1080
ctgtctacgg tgagggtaac gaggagcgtc tcactggccg ccacgagacc ggcagcattg      1140
ataagttcag ctacggtgtt gccgaccgtg gtggtagcat tcgtattcct cgccaggtgg      1200
ctaaggatgg caagggttac ttcgaggacc gccgccccgc cagcaatgct tgcccttacc      1260
aaatcaactg tatcatcggt gagactatct gcggtagcaa ctagatacct taaccaccca      1320
ataaaaaact gaagactttt gtttctctct agcgctcgta taccctccgg cgtcagttgg      1380
gatcgaaacta ggagagcagc ctggcagtggt ggagcacata gattttcttt ttctttttct      1440
cttctcacgg tggattttca ggttttcttt aactcagatg ccagagcttg cctttgcgtt      1500
cattacccca tgcggtttat attttaatta cttctctttc gttacttggt atgtgggtta      1560
tgtgttacgt caacaacaac atagaaggat cacagtgaat tggacaatca ctaggaatgg      1620
aacaactggt taggaacacg gaaggaaaga agcaaacact gtcttagtac taccgtgtat      1680
caaatacaac taatcattct ctgggtttcaa aaaaaaaaaa aaanaattaa tgcgggcgaa      1740
aattcttcc

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<210> 5979
<211> 720
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

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<400> 5979
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gacttaacct ggcgtattgt cagtcgcttc gagagcgatt tcatttttat tttttttgaa      120
taccacacagc tccgaaacct tcgattgtga gcttccctca agtcccttad gcgggactac      180
agctcaagat gaagpatata cgtggtttta tctcaaccac acaagctttg cgcggtatat      240
ttctcgcaac tattgaaact cctagacccc agtgtcttgg tcccgtttt ctcccaacct      300
tcagcgcaat ccgctttctt tccatccgac gcaagctca acagcaagat gcacagcccc      360
aggaagagat aaggaacgtg aaagatgaag aaatccggct agaatatatc cagcttgtga      420
atgaagatgg caaatgggat ccaccgtaa ggcttcagta tgccttgctg acaataagagc      480
gcgcggacaa ttctcatatt caagtctccc ctggcttttg cggcgcgcga cccgtttgca      540
aagtctgtaa tcgacttgag atacgagagc aagaacgtgc gaaagcaaa gctgcgcacg      600
tcacacaaaga attcgctcaa acagatcgag ctgaactggg ctatngatgc ccctgatctc      660
tcccaccgac tgaagcaatt gacanacttn ctcgacaggg gccgaaaagt agaggtatat      720

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<210> 5980
 <211> 1398
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1398)
 <223> n = A,T,C or G

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<400> 5980
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tgagagaggg ccgttcccg c aatacaatca tgtccaccgc agtgtccacc gccgtggcat      120
gcattcagct tgcagcactc ttctgctacc agccgcagcg gcagtagtca cgattcccat      180
caaaaccacc ttcatcccg agacctttac ttgcaatcct acgatccgct atatcaccac      240
aattcctcatt cctactctcc gcagtcgctc ctagatccac aattcaaac gcccggtgat      300
gagttcaccg gcctcgagtc ttgggatact tgggctacgc tcgatgccgg ttatcagcca      360
tcgatagcca attcgacttc tctctatccg acaccgcgca tagaatccct gcctactcct      420
gttaataatg atcttacttc aatcctggaa cttaatgact gccagaatt cctccaatgc      480
cttgacgctg gtttgacatg tctgaagat tactgtcctg agcccgctac cacttttccg      540
cctccgctg taaccgcaac aatgacatca tccccagct catcgtctcc ttccagcgac      600
tctgttccca ccccatcagt ttctgggtgt gcaaaatcta ctacgccttc tcgcattgag      660
aagcgccagc agaacaccct ggctgctcgt cggtatcgcc aaaggcgagt ggatcagatg      720
aagagtctgg aagaggaact gtgcaaagtc aacgacgacc gtgaggcatt caacatgcgc      780
gtcactaacc tggacgggtg aacggaagcc ctgagatgtc ttgtcaggcg ggaaaagaaa      840
tagtgcttgc tctattgctt tgggtatata cagtagtgag attataattg acacggatct      900
tgctgtcact cgcgggtatt gcggacaaca gcaacagctt cttcactctc cccgtcgccc      960
atttcccttg gtctccact gcccgagtc gcaagaccga gcgcgagacc gcttagatta     1020
ttgcgaggtg cgaaggttga tgatcataga tcgattggac cgggatcttg tccctgcgtt     1080
tccttttttc cagataccca ttgttgtaag atcattgctg cgagaatgta atgcctgtgc     1140
agcattctgc atgttgtgtt gcagatcagc ttgaccaatc agtactatcc aaatccgcag     1200
caggtataga tgggtctttt cgatgatttc atttgctttt gccgtttgcc agcacctttt     1260
atagctnttt taatgatgga gatctgttgt tcatgtggac gatggatggg ggcgtgtgtc     1320
tgtgtctgta tctatttcta ttaggtaatg cactcaatga tantgannna nnnnnannnn     1380
nnnannaann tttttcct                                     1398
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<210> 5981
 <211> 650
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5981
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gctattgctt ccgattcgag tcagacgtct ataacattgg ccaagcttca aaactccgtg     120
aagtcttctt tcgactctat aaatgacagt ctcaaagaca ctcatagcag cctcaacaag     180
tattcaaagg ctttagataa gctctttaaa gatagaccac ttccaagtac cgaacatgat     240
gcccctcgct cccaagagca cctcatcaac cgagctatcg ccatgcctct cctccgagaa     300
ggacagttct ctgtcgctgc aacattcctc tccgaaatgg cggagaaaaa ggccatggag     360
tcacagcaac aagcgagcgc gggcgctctg gaaaacgcag cgaagctctt agatctagat     420
gaagtcocgt cgaacgaggt tcggaaacag tttgctacca tgtactacat attaatgaa     480
atgaaagaga aaacaacttg ctcccggcaa tccaatggtc aagggataat cgggaagcac     540
tggaaagcag aggaagaacc ctgaattcga actggccggt tgcagttcgt ctggcttttc     600
catggtgggc ctgataggca gggacctatt cccacagggc gacaagaaqt                                     650
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<210> 5982
 <211> 1352
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1352)
 <223> n = A,T,C or G

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<400> 5982
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a a t g g c c t c c   c g g c g c c t a g   c a t t t a a t t t   c a a c c a g g c t   c t c c g g a g c c   g g g c t g c t c t   120
g a a g t c c a t c   c a g c c c g t c a   a g c g a g g c t t   c t o t t c c c c g   g t t a c c c t c c   c a t c c a c c a c   180
c c a g t c g a c c   a c c c t c t c c a   a c g g c t t c a c   g a t c g c c a c t   g a g t a c t c c c   c a t g g g c c c a   240
g a c c t c g a c t   g t t g g c g t g t   g g a t c g a t g c   c g g c a g c a g g   g c a g a g a c t g   a c a a g a c c a a   300
c g g a a c c g c g   c a c t t c c t t g   a g c a c c t t g c   t t t c a a g g g c   a c c a a c a a g c   g c a g c c a g c a   360
c c a a t t g g a g   c t t g a g a t c g   a g a a c a t g g g   c g c t c a c t t g   a a c g c c t a c a   c a t c g a g a g a   420
a a a c a c c g t t   t a c t a c g c c a   a g t c c t t c a a   c a a c g a t g t t   c c c a a g g c c g   t t g a t a t c c t   480
c g c c g a c a t c   c t t c a g a a c t   c c a a g c t c g a   g c c t g g t g c t   a t t g a g c g t g   a g a g g g a c g t   540
g a t c c t c c g t   g a g c a g g a g g   a g g t t g a c a a   g c a g t t c g a g   g a g g t t g t c t   t c g a c c a c c t   600
t c a c g c c a c c   g c t t a c c a g a   a c c a g c c c c t   t g g t c g c a c c   a t c c t c g g c c   c c a a g g a g a a   660
c a t c c a g a c c   a t c t c c c g c g   a c a a c c t g g t   t g a c t a c a t c   a a g a c c a a c t   a c a c t g c t g a   720
c c g c a t g g t c   c t t g t t g g t g   c c g g t g g t a t   t t c t c a c g a g   c a g c t t g t c c   g c c t c g c c g a   780
g g a g c a c t t c   g g c a g c c t c c   c c a g c a a g c c   c c c t a c c t c t   g e t g e t c t c g   c c c t c a c c g c   840
t g a g c a g a a g   c g c a c c c c c g   a g t t c a t t g g   a t c c g a a g t g   a g a c t c c g t g   a t g a c a c c a t   900
c c c c a c t g c t   c a c a t t g c c c   t c g c c g t t g a   g g g t g t c a g c   t g g a a g g a c g   a t g a c t a c t t   960
c a c t g c c c t c   g t c g c c c a g g   c c a t t g t t g g   c a a c t g g g a c   c g t g c c a t g g   g c a a c t c t c c   1020
c t a c c t c g g t   a g c a a g c t c a   g c t c c c t c g t   t g a g c a c c a c   g g c c t t g c c a   a c a g c t t c a t   1080
g a g c t t c t c c   a c c a g e t a c a   g c g a c a c t g g   t c t c t g g g g t   a t c t a c c t c g   t g t c t g a g a a   1140
c c t g a c c g c c   c t c g a g a a c c   t c a c t c a c t t   c g c c a t g c g t   g a g t g g t c t c   g c c t g t g e t t   1200
c a a c g t c a c c   t c t g c c g a g g   t t g a g c g t g c   c a a g g c t c a g   c t c a a g g c t t   c c a t c c t c c t   1260
c t c c c t t g a c   g g c a c c a c c g   n c g t c g c c g a   a g a c a t t g g g   t c g c a a a t c a   t t a c c a c t t g   1320
c n c g n n c g c c   t c t c c c g a g   g a c a t t g a g c   g c
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<210> 5983
 <211> 621
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5983
c a a c a a c a g c   g g a c g g t a t c   a c t t c c c g a a   g c t c c t c c a g   c g g a c c a g a t   g c c t g g g c c g   60
a t g a a a g c t g   a a g a c a g t c a   g t c a c c g c c g   c a g c a a a g g t   c g a t a t c g t c   g a a a t c a c g t   120
a g t a t c t t t a   c g c c g a t t g a   t g a t c g t g g t   t c g g t c t t g g   c t c g t c a c t t   t g g a g t c g g t   180
c c a c c t a c g t   c g c c g c g c a a   t g a g a a c t c a   c a a g t g a a g c   t t g a a t t t t c   a c a t a a c g a a   240
g c a a a g g a c a   a a a a g g g a c t   c a a c c a g c c a   g t g g c g c c t c   c c c c t c c a c c   a c g a g c c g c g   300
a c t g a a g c g c   c t c g t c c c c a   g c c g g t a c c t   g g g a t c a a g c   c t c c c g t t c g   g a c g a a c a g c   360
g g t c a g t t a a   a t a c g a a a c g   t c c a c a g c t a   a a a g t g c a a a   t a c c c a g c g a   g a a t t c g g a t   420
c g g g g c a g c g   c a a c a g c a g a   t t c a t c c t c a   c g c g a t t c t g   c a g g g a a c a a   a a c a c t t a c a   480
c c a g c c a a a g   c c a a t c t t g a   c g g g a a c c a t   t c c a g t g t c g   t g t t a c c t c c   g c c t t c g c c t   540
t c t g c c g g t g   g a a t c c t c a g   t g c a g g c g c t   c a c g g a c c a c   c g a a t c c a t t   t g c c c g g c c g   600
g e t c c c c c t a   g c a c a a c t g t   g
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<210> 5984
 <211> 658
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 5984
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g a t g t c g t a c   g g c t g t t a t t   c c g g a a c a a c   c g c g a a a t g   a t c t c g a a c c   a t g g g t a c c c   120
c g a t c a a c t g   g c c c a t c t t t   t c t a c c c a t t   c c t g a a c a t c   g a t g g t c c t a   t c t g c a t g a a   180
t c g c a c c a t c   a a g t g g a t c t   t c c t a t c c c t   c c t g c t a t t c   c t t c a g g t g t   t g t c c a t c a t   240
c t g g t t c g c g   a t g g t c a t c c   g c g t t g c g g t   t g g t g t t c t c   c g t a c t g g a a   a t g c a g a g g a   300
c t c g c g c a g t   q a t g a t g a g g   a a g a a g a a g a   g a t g g a g a t g   a g a a t c t c g a   g c a a g g a t g g   360
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ccctaattgga	agtgcggcag	gttctgalgg	caccactgcc	gactggcgcc	gattgaacgg	420
atcatctacc	gtacgccttc	gcgcacgtgg	gcgggttcga	ctcggtgagc	aaagcgatcg	480
caaagcacta	ctatgcagaa	tcggatgcga	caagccaacc	tagttgcgcc	atgtttctat	540
ttcgcataatt	tctttttaac	ggtatcatgg	gattgatatg	cagcgatgcc	gatattaacg	600
acttagccag	cttttgaaaa	aaagagagaa	caccacacgt	tttccaatgg	accaccatg	660
cccaaccc						668

<210> 5985

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<400> 5985

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ttttagtcag	tcttttttgt	acagcacc	gaacttgaca	gttcagttca	ccgcccgtac	120
ccctaattcat	ccactttgtt	ccgcataat	gttgttcgcc	aagtctgtct	ttttcttgtc	180
ctttttggcc	ctcggaata	ttgcgcgc	tgccagccct	aaggcttgcc	ttctcgaggc	240
tctcggcact	gagccaagcc	ccggtgatct	caaagccgtc	tgtgttgata	aagtcgagac	300
caaaatcgag	agcctgtgca	gcgatgatga	caagcaagac	gctctgaagc	agttcgctga	360
cacctgcacc	gctgctggac	acaaagtcgt	cgtcaacacc	tcgacctctt	caagcgcttc	420
ttccaccggt	acttccactg	ccggttccaa	gtcaagcagc	tcgggctttg	tcactgctac	480
cgctaccagc	acttccactg	ccggctctag	tacctccggc	tctgattctg	ttactaacc	540
cagctcgacc	tcttctttcg	gagtacctct	tcataccgcc	aatgcgggct	cgtctgatag	600
gcataatccc	gctgctggct	ttgctgcagt	tgtcttcgtc	ggcttcgctg	ctacgctgta	660
aggggtgatca	accttcgaat	cttctactca	gctgcgcagt	gagtat		706

<210> 5986

<211> 873

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(873)

<223> n = A,T,C or G

<400> 5986

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ctcccaccgt	cgctctctcc	ttggcagcaa	gacctctcgc	tagcgttcag	tcggacatct	180
tcaagccgac	caagtatggc	ggcaaataca	cggtcacgct	tattccaggt	gatggaatcg	240
gtgctgaagt	tgctgaatcg	gtcaagacca	tttttaaagc	cgataatgtg	cccattgagt	300
gggagcaggt	agatgttagt	ggtgttgatg	cgggcaacaa	acactcggaa	gaacttttta	360
aggaatctat	cgttcccttc	cgccgcaaca	agctgggtct	caagggtatc	ctcttcactc	420
ctggttgagcg	ctcggggccac	caatcattca	atgttgctct	ccgacaggag	cttgatattt	480
ttgcctcaat	tgttctgac	aagaacatcc	cgggctacaa	gacacgccat	gagaatgtcg	540
acctttgcat	catccgtgag	aacaccgagg	gagaatactc	tgcccttgaa	catcagctcg	600
ttcaggggtg	cgtcgagtcg	ctgaaaatta	tcactcgtgc	caaactctgag	cgtatctcta	660
aattttgcct	tggttttgcc	ctggcaaaaca	acaggaagaa	ggcacctgc	attcacaagg	720
caaacatcat	gaaattggcc	gacggtctgt	tcggtagcac	tttccacaag	gttgccgaga	780
actatccgac	tctggagggtc	aacgatatga	ttgttgacaa	tgcattcatg	caagccgtgt	840
cccgccccc	gcagtttgat	gtcatgggtca	tgc			873

<210> 5987

<211> 1438

<212> DNA

<213> *Aspergillus oryzae*

<400> 5987

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tgattccccc	tccgttacga	attccgttcc	tctcttatct	cattttttta	acgaattacc	120
cctcctactc	ttttcacaa	ggcccccgct	gtcgggtatc	atttgggtac	cacctactcc	180
tgtgtgggtg	tgttccgtga	tgaccgcatt	gaaatcattg	ccaacgacca	gggtaaccgt	240
accacccctt	ccttcgtggc	tttcaccgat	accgagcgtc	tcatcggtga	tgccgccaag	300
aaccaggtcg	caatgaacct	tcacaacact	gtcttcgatg	ccaagcgtct	gatcggtcgt	360
cgttatgccg	atgctgaggt	ccagtcgtgat	atgaagcact	ggcccttcaa	gatcgtcgat	420
aagggtggca	agcccatcat	ccaggttgag	ttcaagggcg	aagagaagca	attcactccc	480
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gatcttgggt	gtggtaacct	cgatatctcc	gttctggaga	tccagaaggg	tgtcttcgag	780
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gctatccagc	gtatccgtga	ggccgctgag	aaggctaaga	tgaacttttc	ttcttctctt	960
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ctcttttggg	atcgagacct	ttcgggggag	tgttctactac	ttctgataaa	acggaacacc	1380
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<210> 5988

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5988

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accacccgta	cgattatgag	ccccagaatc	cgtatacgca	gcaatctcct	ccaaacccaa	180
actaccaata	tggctcgcag	tatgacttag	cgcaaacacc	caggctttat	ccccctcaaa	240
tgctggggccc	acagcaagac	tacctcaatc	cggtctctgc	gggaggcttt	gagcaggaaa	300
ataaccatcg	agaaagtaac	gctgattatt	acaacgcgcc	caccgacgaa	caagatcggc	360
accatcctcc	agactctcgt	ccccagaag	ccgacaacac	ttccgacaat	gagggaactg	420
agcgcaatct	tggangggca	cttgctgggtg	gcgctgggtg	ctatqttttg	ggacgccaaa	480
gtaaccatgg	tcttctaggg	gctgtggggg	gtgcgatact	atggaacttc	gtcggagaca	540
agatggagga	ttaaccagat	gatgangagg	atggtcatta	taaccgnacc	accaccacca	600
tgggcataat	caccacgctc	aaaagcattt	gtaccgcccc	tcgccatcat	aaacatcatg	660
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<210> 5989

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5989

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gcaagtcctc	ctcaactact	gaggtcatta	tcaaacccca	tgaatgggga	acgtatagaca	180
gcgacccctg	ggcgctcgat	aagaaaggaa	ccttcacacg	gatcatcggc	gcagattgct	240
actggatgtc	ttcgcagcac	gagaacctcg	taaatacgat	gaaatgggtc	cttgccaccg	300
gcggcaagggt	ctgggttggt	gccggatttc	acaccggggc	aaccatcggt	gccgggttct	360

tcgaaactgc	cgtgaacaac	ggcctggaga	ttgagcggat	ctatgagcgg	gatctcaatt	420
ccggggcgga	agacgggaag	gaagtccgcc	gggactgggt	acctgagcgg	gagggcgaag	480
gccccgagaa	tcgcaggagg	tgggtgtgtga	ttgtctctct	caagagaaaag	ggagagtaga	540
tggggccaaag	gattcagata	cccaggataa	agcccccaaa	ccagcatcca	taagcggcat	600
atgccaatgg	atccatacat	catgactgat	gaaacgtgac	gactgtacag	catgattgaa	660
gatgaaaaag	aaataa					676

<210> 5990

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5990

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atccaggagg	cagylgatgt	ccgttcaccc	gtccctgtga	ccatctctgt	cactacccat	180
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accactaaga	ccgagacca	gactgaaatc	gaaatcgaac	gcgaggtcga	ggttgagaag	480
gaatggacca	agggcaagaa	gccagagagg	aagaccagca	aggagactaa	gcacgaggca	540
aaggctgggtg	cacactccct	ccagcacgag	gtcgagacca	agttcaagca	ggagaaggat	600
aagagcgaga	cggaaaccga	gactgagatt	gagattagca	acaagaaggt	cgagggttgag	660
tatgttatct	actagcgctt	agggtttcac	g			691

<210> 5991

<211> 1004

<212> DNA

<213> *Aspergillus oryzae*

<400> 5991

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cggttttacg	catcgagaa	tcgcgtgggtc	aatttagatt	acaccacact	gccttctaca	180
tcagagttag	tgcccatatc	ttctgggtggg	ttttacgcaa	acctcgatc	cttcttcttg	240
aacgcgctct	ttgcgatacc	agacctgggt	attgggagcc	acccgggtggg	gctgccgaag	300
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aactgtccca	agtcactcat	acgctcccga	ctcaaacctg	gacacggtca	aagggacgcg	420
aagactacaa	ttgggtttggc	cttccatgta	tcataaggt	ctctgagctt	gaaacttttg	480
aatcacgcgg	aagtagccaa	cgtgcgtctc	agcctgtact	gaaatgggag	gacattatac	540
gactgaatcc	tgaggagcac	caaaattttg	catgggcaac	agaggaggag	gtgcgatgcg	600
aaagtatata	gatgttttga	aaccacaagg	agactgccct	caaaggctttt	gcagcagtga	660
cagagaactg	ctcagtctaa	gtatgggggtg	tgtggatgga	atgaggctga	aggatgaggc	720
tggaggatga	ggctggagga	tgaggctgga	ggatgaggct	ggaggatgag	gctggaggat	780
gaggctggag	gatgaggctg	gaggatgagg	ctggaggatg	aggctggagg	atgaggctgg	840
aggatgaggc	tgggaggcta	gaataataaaa	agtcacgcga	gaaagaagta	aagtcaagaa	900
ggtcaggatt	aattccaaac	tttagactag	tcttcagaaa	tgtgatagaa	gatgggtacc	960
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<210> 5992

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<400> 5992

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gcgctactgg	agtcaccatc	ggaatgcctc	ccgtacctct	cagatctctc	tcgaacagcc	180
cgcgatcacc	ctggaagacc	atacaqaqqa	tccagattcg	gagacgagcc	gcggactatg	240

ggccaggagc	gtatcagtag	atgatcatgt	tgteglccag	ggaaagtccg	gcattggcgc	300
atatgtggtg	tggagctgta	ccatacaaac	cctcgagggt	ggtcccatca	gcgttcgcat	360
gaggtactct	gaattcgatg	acttgagaca	aaagctgata	tcttcattcc	cgcacgcgaa	420
gaatgcttta	ccagctctac	caccgaagag	tggtctcttc	aaattccgtc	cagcattcct	480
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ttcgagttcg	ccggtcgtga	aagactttct	atttggaacg	atgtgcta	atgtgcta	600
ctgtaccact	gctatacact	cacagaatca	tgacgttacg	cctatctata	tatttgccgg	660
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<210> 5993
 <211> 723
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 5993						
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cgtcatggca	taactggggg	cgttgggtct	tactggccgt	catcatcgta	gtagccttga	180
tagccttctt	cttttaacga	tgtctctcgg	ctcgtaaacg	ccgtcgccac	ggccaacgac	240
ccatctacgg	cacggcttgg	atcccaggca	cacagcctcc	gccaggccaa	tggcagcaac	300
agcaatatcc	atctcaacca	ccacctgcgc	cgcggggata	ccaaccgtcc	accgagcatg	360
gatacgggca	gaattacggg	tcaaaccgaag	ggtacttttg	tcagcagcaa	tacggatccg	420
agctacagca	gccaccgaac	gcatatgcgc	gagacggcgt	atactcacc	cccgcgggac	480
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cgtatcatg	gntaccgaag	gaanntgacg	agnggccatt	ggcggtgtat	gataattcgg	600
gtacgggtgc	tncatttcga	gggtatcgga	gttctttgat	tttctttcac	aaggggcttt	660
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cgt						723

<210> 5994
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(697)
 <223> n = A,T,C or G

<400> 5994						
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accgcttttc	tcaaccccc	catcaggacc	tgatgctcct	aaatcttctg	gtcttttcgc	240
gcagctcgcc	ttgttttcgg	ctcctactgt	aggaatctag	atcccggttc	cagctctgac	300
cgcgccgaac	cgtctcctaa	gccatctcaa	ggttaatggc	acaagcacgg	cctcatcggc	360
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tccgcaaaaag	cgtaaaagctg	cggacgaag	gcaactgctg	atggccattc	cggaaaaaag	660
gtcaaacctt	tccgtttgat	gctgcctcta	caaggan			697

<210> 5995
 <211> 932

<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(932)
<223> n = A,T,C or G

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aagttaaaaa ggacatgaaa caataaatac tacggaaatg acggagtagg aaaccttgtc      180
acgaggggaa tggcccaaat ggcgcgattc caaggaaactg acggactgag gcaacagctt      240
gtccttccgc gctatcgggc gaaagtcaca ttccacccct tatcagtggg gatattgact      300
caaacccccg caagggtggt taaagtctcc cgggtgtccca cctgtgccac ggcttgtttc      360
tcttactacc ctccaaactgt caacccctta agcacaccac cttacctgtc cacttcgaac      420
actttctccat tgaaacattc actacacctt tcaatttgcg cactgtaaaca tgcctctcta      480
caacgtcaca cttaagaaag actctccccc tgaagagttg gagaaagcca aggagcaggc      540
cagggaaaaa ggcggaacca tcaagcatga gtacactctt atcaagggtt tcaactgtcg      600
gtaccccgag gacctgtgca gtactcttga gtcgagtgac catatccacg tcgaacagga      660
tcaagaagta aagaccaggt gataggaata cgcctcgatc ccggggcaaa cggcgatata      720
gtcactgtct gcaacaaata gcagaactgg ccacataact aagcatcgat gctggcctgg      780
ggaggttgcg gttcaatggg ggctgtacga tttacgaata tcctagtcta gcgtttcaag      840
agaatgtttc tcatgagtac cgggactgct gtgcggaaag ctggactcat ctgggactgt      900
tcctttgggtc aattatgacc canaatcata tc                                     932
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<210> 5996
<211> 688
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G

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<400> 5996
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atagcaaaat ggcaacctgt ggctttacga atcctgtctc caaaactgag tctgtctgct      180
ctgctttgag ctgctttacc tgtacactct gcaacaaatc ctattcgcgg catcccgagt      240
atgaagcaca tatctcttcc tacgatcacc agcatcgcaa acgccttcaa gatcttaaac      300
aactctcccg agacccaaac gctgcggaga aggctaggcg agcggaaagg agggctgacg      360
cagaggctgg cctaagagtc attgatacca aagctagcgc agcagtggga accggggggcg      420
ggggtggcgg aggtttcaag aaaggggggg tcaagagctc ctttaccact gtcaaaggtc      480
ctgtcgttcc gacagacca acgaagaaga acgtacttgg ggatgatgac gacgaagatg      540
aaataccaga atcaacttat ataagccaac gtgctcaggc tacccaagac ccaagtgate      600
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cctactatga tccccttaag ccgacggg                                     688
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<210> 5997
<211> 657
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

<400> 5997							
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ggtcgtagaa	gaacctctct	cggcgctctc	tcctccgaac	tactctcttc	ttcggagctc		420
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tgaacaggag	ctgcggccgc	agcaccacca	ttgtcgccag	caacacgagg	gggaggttta		540
gactcttctc	cttcttctct	agtaacgaag	ccctnctcat	cttcactctc	ttttatttgc		600
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<210> 5998

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 5998							
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gtctcttttt	ctcactccgat	agatccttat	ctttctcttc	actcacaaaa	tgagggtttg		180
cagctacctt	ctccagtacc	tggaaaatttt	ctaaacgaac	tgtggtgttc	gcgttggggg		240
ttccgttgta	tgccaatgca	agctctccga	taacggatga	cttggttaca	acaccgtcgg		300
agaaccatgc	attaaccgtt	tcaatgatag	acgcgttcag	acctggttcg	tggagatcag		360
ggtgtgcaac	tgcacctgag	ctaccgtgca	aggtgtgccc	cgagcgtacc	gaggttgtat		420
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ccggcgagac	cggcatatgg	acgtcagacc	cagatggttg	agtaaggaca	tcactacctt		540
gcgttggatt	aggaatgaaa	acctgggtac	cggcgtccag	ccggccgcgc	aaagtcctta		600
cattgcgccc	taaaccagtt	tggttgggct	cgaatcttc	acctgattaa	gccctaattc		660
gccatggcct	gcgttaaacc	tgaactt					687

<210> 5999

<211> 1247

<212> DNA

<213> *Aspergillus oryzae*

<400> 5999							
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gcttccgtcg	tactgcgcgc	tctgaggggt	ttgcctctct	ctggcggtgt	aacactgcc		300
acgtcatccg	ttacttcccc	accaggctc	ttaaactttg	cttccgtgac	acctacaagt		360
ccatgttcgc	ctacaagaag	gaccgtgatg	gatacgccaa	gtggatgatg	ggtaaccttg		420
ctcccggttg	tgtgctggtg	gccacttccc	ttctctctct	ctactctctt	gactacgccc		480
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gtttcggtcc	ctctgtttct	ggtattgttg	tctaccgtgg	tctgtacttc	ggcatgtaag		660
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ttactgcctg	caagttttatt	ttatttctct	ttctttctat	attgcttctt	tgcagctctg		1200
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<210> 6000
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6000
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 tggttatcttt gctgttgact cctccgcgca cagcacttat tcttggccca acggcacagc 180
 tctcgttgcc acttacgagc gcagcctgaa ctccaccggc atcgctaacg gaacctcatt 240
 ccccgcgatc cctgaccaga atacctttgt taacaatggc ttgaatacgc ggccaacggt 300
 cttcggtatgt aacagtacga acaccacagg ccctacgcct ttggttgtct accttccgaa 360
 ctatccatac gtgtcttact cgaactggtc aaccttccag ccaagctatg agatctccga 420
 aagagacgac accatccgca acggatatga tgtggtgacg atgggtaaca gcactcgtga 480
 tggtaactgg acgacctgag tcggttgtgc tattctgagt cggctcttcg agcgcacgaa 540
 caccacaagg tgggatgcct gcacccaatg ctttcagaaa tactgctggg atggcactac 600
 gaacttcacc aacctgtcag actatgagcc tgtcaccctg ttgaagata gtgctgggtc 660
 cgctcttttc cggctgtat ataac 685

<210> 6001
 <211> 681
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6001
 tgtcatgcag cgcagactt gttgctatcc tacagcgtac ggtgtctggt ggcacacatc 60
 ctgcgcgccc aaccttcagt aatgcaagtg ccattagacc tcaaccaggt gatatccaat 120
 tagattcgcc tgaggatata tgtgcccccc cctttgaaca attgggcaga attccggtga 180
 ttgactatga agagttggag gagtttgtgg ctcttaatca gaagacgaag cctatcacia 240
 cggcgcgcaa gcacagcctt agctcacaga gcaagaagtc tcgtgttttc tacgatcttc 300
 gtccgaacgc ccagaagtcg gaagcccctg aagcgaagcg ctcatcgagt gttgagcgct 360
 catcagatga cattattgga ctgcacttga aagacaacga gaaagtcttc gcggatgctg 420
 tcaacgaaaa acaattagtt gaaaatctca aaaatgagaa tgaaccgact ctgttcggct 480
 tcttctcgtc cgagtcacag agtactgtac atgctgcgga actgggcgaa ttagttttcc 540
 ctgtggaaca cctttcgaga cctttttcca actggccccg gaaagaggcg ttggtggctc 600
 gaagttttga atccccctga acccaaattg gtgctctttc gaaaaccttt ttcaattccc 660
 ccaactggaca aacaaagaaa t 681

<210> 6002
 <211> 694
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1) ... (694)
 <223> n = A,T,C or G

<400> 6002
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 cgacccctgt cctcccagac acccagcacc tcagcgcgtc tcaccggccg gacctgtatg 180
 atcacaggcg ggacatcagg aattggattc ggaatggcaa accgattcct ccaagagggc 240
 gcagagcgca tcactctcgt cggacgatcg tacgagcgtc tcttcaaagc cgcaccaga 300
 ctccaaagtc atgacgaagg cgcgcgaaac caagaagcgg ctgatgaaac cgtacgaaag 360
 tcacagggaa ctttagtgga atcatcggat agaatacgtc tctttgtggg tgatgtaacg 420
 gaggtcgggt cgtggctcgg tgagctaaaag aaggcgatgc aaccgcctga tctcctaac 480
 aatgcagctg ggatctctaa ctccaatatt cttccgaaga catctcctga ggaagtctca 540
 caaacctcc ggacaaatct tgaaggcgcg atcttcacat gtgcgctct tatccgggt 600
 tntctccgta acaggttaaa ggggccgaac cgcgagaccc gacccccctc gaaatgtatc 660

ataaacatct cgtcattact agcgcgtgaaa gggg

691

<210> 6003
<211> 674
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6003
ccagttctac ataatgattg ccccttcaga gcccggtccca tctccagcg ctgccgcagg 60
gctaaccocaa ttctttccca atgccaactt taaggaggct tttgatgaaa aggttgtctt 120
gattgtgggt ggcgccaatg gtattggagc tagccttgta gagctctgtt gccaaaacgg 180
cgttlacgtc tgcattggag acatcgatac tgcccgagga gaggccttaa gcaagaaatg 240
ccgggacaaa tggcctgtct acttggaccc tgcccttcca ccaaagccgc cccgagcctc 300
cttttacacc acggacatca ccgattacca ggccgtagcc tccctctttg accgtgtatt 360
caagacctac aagcgcattg atcatgtagt agtcacagcg nntagcatgn aaagcgggca 420
caattgggtt gaccaaaagt gaatttggag tctgtcaaca gccttcttcc acganggata 480
ttgacgtcaa ctcatcgggt tctctatgt caccognatt gctagcgtct acttccgcca 540
taaccgagac caggagtga tcgaaccatc ctggtggtct cctgtgcccg ttgcttcaaa 600
agagacactg gnggatcaat ntaccaggct tcaagccacg tgtccaagcc taatgccgtt 660
tttgcgctt aatt 674

<210> 6004
<211> 670
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 6004
gaaaatacac cgaggccatt actcgacgtg gacgctcaac ggatcatctt tgcacactct 60
tctttttgcg tttgaaggaa actccttgct ctaccggtac aagtgtaccg ggcaaatcca 120
tcgatcataa caagatagtt cgtttgcaga ccacttaaag gtcagtcatg accggcatgg 180
ttcagactga cctagcacat ccacgcagct ccaaatacaa agacgagccg gctgacgagc 240
atcttcgaca ccttgggcat caaggccccc cacatcttca acttcaacat ccaaggccag 300
cgagtcttgt ccaacagcaa aagcacccca actctcctct tcaaccacgc gcaqgtctat 360
cttctggatc gtacgcccc cagccctgg ggaacggagt tctgcaccat ccgaatccgt 420
acggaccacc cgcacaagag ccagcgtact acgcattcca cctccatat acagcagcaa 480
gtgcaccagc acagtatccc tctagtggac cccctgaaat gatggcnaca gccaccaga 540
tgcaaaggcc ttatcctcca attaccaaac accacagtcc ggttctccag catcggaac 600
ttctcagtca catgaacagc acagccggaa cctttacagt caatcgccac aaatggcacc 660
gcagatgtat 670

<210> 6005
<211> 732
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

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<400> 6005
ctcgcgcgcg cttcgtcaat gtccctogaat ggtggcgctac ttccgggtctc gaactccggg 60
acactgagcg agccctcgag tcagccagcg cgggaaggccg tgtgtccgtt ctagactggg 120
ggaagaaagc ctcgcgcgaac gcacccccat cggacccccat cccctcaaa gtccgaaaat 180
ccgtctctct agcagcacia tcaggccgca cagcatccct cgctgggtgg gacgcctcag 240
gcattccccta cagccacgoc gaatcagttg cccgcattcg cagcacgcac ggccacgtcc 300
acgtgctcga cttctggtag cgactcaaag gcgccaagat gatcttcgac tcgcaggtcc 360
ttgtcggacc gacaaagaac ggacacgaca acgttctcga atgggtggcg cagagcggtc 420
tccgcgtcga gttcaagacg tgcgatatcg aagaggccct cgaagatgca gaccccggtg 480
ccggtgccga agaaagagtt cggcggtggg gggctcgcaa tggactcaac cttggcgtgg 540
ggacgagcga atggatgana acgaaagtgt tgtgattgta cttcttgggc ttcccttctt 600
ctccttccat ttgtataatg acttgatcgg attcttatng ttagaaatac cccttatttg 660
gctttacggg ttacngagca caactggtta cgcacttgat tatataggta tagcctacac 720
tttaaaatga ac 732

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<210> 6006

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

```

<400> 6006
ctcggaaatga cgcgaatagt cctgtcacca tgttagccaa actgctactc atctctaagc 60
tctttggacc aatcttttgg caaatatacg ccatacttgg aggggcgggt tccaccgcgt 120
tacaccgact cacctaccgc gctgtcgagc atccgcgcaa tgttgtcgtt atcgggtgctt 180
ctttcgctgg ataccacgcg gctaaatgcc ttgctagtcc gcttccaact ggataccggg 240
ctgtgggttat cgagaagaat acccattttc agttgacttg ggttttgccg cggtttagcg 300
tggtgaatgg ccacgaacat aaggctttca ttcttatgg gccttacctt gatcatgttc 360
ccaaagggtt cttatcaatg ggttcgtgat agtggtgagc gaattgtacc cggtgagaat 420
ggacatacgg ggaaggtaga gctcgccctc ggtaaagata ttgaattcga ctacttgggtg 480
cttgcgactg gggcattcgg agcacttcca tcgcgagtag cagccgggag caaacaggaa 540
ggcatatacc agctactcgc tgagcaggaa aagctccgag ctgcgacgaa tgtggtcatt 600
gttgggtggtg gagctgcggg aattgagctc gtggcagatg ctaaatcgcg atatcctgaa 660
aaaag 665

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<210> 6007

<211> 764

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

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<400> 6007
agttcagacg tactccgttg gtttggccag ggataagttc gtcaaataccg gcgattatgt 60
cactatctcg cctcaccggt gtatgactca cgacaattcg tggcctgttg cattgaaatt 120
catgtctatt ggtgcaacga aactacatga tccgaagcag atttgtatga cgctcgacca 180
cgatgtacag aacaagtcgg agaagaatct ccagaagtat cgtcagatcg aagactttgc 240
caagcaccag ggggttgaqt ttatccggg... cggaaagaggt attgggcata aggtcatggt 300
cgaagaaggc tatgcttggc ccggtactct tgtggtcggt tccgatagcc atagtaacat 360
gtacgggtggc gtccgctgct tgggtacgoc aatagtgaga acggacgggtg ctagcatctg 420
ggccactggg aagacatggt ggcagatccc gccggttgga aaggtcactt taaccgggtg 480
attaccaccg ggtgtgaccg gcaaggatgt gatcgtcgtt ctttgcggat tgttcgataa 540
ggacgatgtt ttgaaccatg caatcgaatt tactggcccc gaggagaacta tgcgcagtct 600
atcggtagat gccgggttaa cgatcgccaa catgacgana gaaragggtg ccttgtctaa 660
actgttccca attgacaatg tattgaaagg atggctgana ggcaaggcta caacagcagc 720
cattgggctt tgcgaagggt ctcttcaaga cctagcccc ccag 764

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<210> 6008

<211> 639
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6008
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 ggcaccacaa aagtccgtta ccgaagtgcc acggtctata ctccctcgct tgacatggaa 120
 cggtcctct gctcggacta ctgttcctcc tccccagagc aacattttat cagcaaggca 180
 acaacagaga acgtacgca tacatagctg gaactctgcc gggcgacaac tacatacttt 240
 gaccttttct cctcactctt ctacatttgt ttccgcaaca gtccgagagc cgaccttatc 300
 ctcaatatct agacgattac cagaatcaac gagtcgtcca accagtcgac cggcagcacc 360
 cacaggtaat cctatccgat ataatgggtg ttacgtcgct gcattttaaac cagctcggcg 420
 cgctttccat gcctccgcca cccaacaaaag ggaccaccat ttcgatacgt taaagttcgt 480
 tcagcgggtg aaagaggaag gtttcagtga ggaacaggct gtcgcgatga tgcgagtcct 540
 aaatgatgtt atccaagagt ctattcagaa tttaaccggg acaatgggtc tcagagaaga 600
 caccgaaaaga tgcaggtata ctacagaaagt cgatttcgg 639

<210> 6009
 <211> 1216
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1216)
 <223> n = A,T,C or G

<400> 6009
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 ctcaggaata taccagtcta acaccaggac taccacaatg aaggggtctcg cttttgtgtg 120
 tggcctcctg gctacatctg tgtctgcccc catgcaaatg tcgaaaccat atccgattcg 180
 gagtccgttg aacaaggatg cagatggcga gaaggactat tcatacacia acccgtgtgc 240
 tacaagtggc tctgactacc cttgcaaagg atacgctaac gaccatttca actctgtcgc 300
 cacatacagt ccaggccagg agtacgagat cgaattgcaa ggtagcgcaa cacacggtgg 360
 nggttcgtgc cagatcggac tctcctatga canaggaaaag actttccatg tgattcactc 420
 cattcttggg ggggtgccatt tganaagaaa tacaagtcac agtccccagc gatgcgcaa 480
 atggggaggc tttgttgtcc tggacgtggt ttaacaagg tccgtaccgc gagatgtaca 540
 tngactgtgc acaggtcaca attgggggtg ctgcgaaact gcaacaacia acgctctctc 600
 tcgtcgtgac agcttcgaca gtctcccga gatcttcag gccacaaca atggaccagg 660
 ccaatgcacc accactgagg gtgaggaagt gaatttccca ctaccgggtc cctctaaaga 720
 gggaaagctc tctggcaagg gctacacatg caagagttcc gctcctttcc tgggtgattc 780
 cagctccgca gccagtggta ctagctctgc tgcacacgc cctaagagct ctgctcacia 840
 gttcggctcc gcttctgctt ccgcgacacc ttccagcaag gtcgcttctg ccttcggcag 900
 tccgtcctcc ctccatggcg cttttgccac gccatccccc tcgcagccag ggcgcgtcga 960
 ctgcaccccc ctcaagcacc acgagtcgag ccaggaaaac tgcagagacg gtagcattat 1020
 ctgcagtga gacggccaaa cctggtctat gtgcaccttc ggtcatccta ccttcattgg 1080
 tctgtttgcc gccggcatgc gctgcgcgca cggcgccatg caccgcgtgt ggtgaagttg 1140
 aatctctatt tggacctgct aagtgcatat ccctcgacca cgcttcgccg gcgccagtat 1200
 acaccattct tcatat 1216

<210> 6010
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

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<400> 6010
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catggtcata ttctcccttt ctttggcggtg ggctgcctct caagtctcat tactttctgg 120
gagacagtct gatctgtctg gtgttactcg aagattgatt gaacaaaaag ccgattatga 180
gatgtgacaa gaccaacagc acggaatctg agcgataagc gnnnnnattt actctccgcc 240
gctgaggaga agggggagac tgaattgggtt acatattgat tctgtttatg actgtattta 300
tttattctac tattcttata tattattata tgtgtcacta ttagtatgat atttctattg 360
agaggttata tttgtgatgt tatctctac tattagaatt agagtgtctg atgttatttt 420
atgttatttt tataacattt ttatgttggtg tgcatacaga tatgtgattg tttatagttc 480
gaacttctat tagttcactg tatctgacta gttatgtgta ttatcgctct ctcttttaga 540
gttatattta tctgtgtgag tgatagtttc tatatatctg tgtagtgag tctgtttatg 600
tctgatagta tctttcgctg ttactgacat actgtcagaa aataaaaatt cctaagggtt 660
aaaagaagtt acccattgtc tcatttttta ttttgt 696

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<210> 6011

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

```

<400> 6011
ttctataata ttacttgcac acgcagctct aattccttcc ttgaaactgt gatcgaaaat 60
gggaattaca aaacctctc atgatgacta tacgattgcc tggatttgcg cgttaccgct 120
ggagatggcg gctgcccaagg cgatgcttga gaagacgcat gaacctctcc cccaaccaca 180
agcggaccag aactcctatt ctcttgagga aatgagcggc cataatattg tcattgtctg 240
tttgccctct ggagtgtatg gaaccacatc tgcagccaca gttctctccc aaatgctgtc 300
aacattctcg tctatcaaag ttggtttgat ggtggggatt ggtgggggtg taccagcga 360
aagtgttgat attcgcttgg gggatgtagt ggttagcatg ccacccggt cctcaggtgg 420
tgtgatacag tatgattacg gcaaggcatt atctgatggg tgctttcaac gtaccggttc 480
gctcaacagg cccctcagg tactgttgag tgcctctctc cagatgcgca gcaatcacat 540
gattaaaggt tctgaaatt atgccactat cacaaatacc ctggacagta atcggtacat 600
gggagaacat ttctcgcccc ctgatagaaa cttgctgttc aatgcgaaat attaaacttc 660
aaagcaactgt cttgaatgct t 681

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<210> 6012

<211> 970

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

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<400> 6012
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aacgttgctg cccgctctgc tctcagggtt ttctctagct ccaatgcctc tgtggctcgc 180
tggcccttg caaacaatgt gttcaaggcc ccattgacct ctccgctcg ttatcccgct 240
cgcccgacca cttctcccag ccttgctctg gctgctcgca agcctgtgac cactgtcttt 300
atccgcatg cctctacggc tcccaggag ggcgaaggag gtcaggagga tactgatag 360
atggccggta tcaagagtga ggcgaaagt atcaaggata ccttcagcct cagcgatgtt 420
ccccaggagg ctctttacct cggcatggcg ggtgttatcc cctacgttgc cactctcttt 480
gagactgtct acctctccta tgagatcaac cgtgctgctt ctctgggtga tggcctcctc 540
ttctctggcc agagtgcga gctgatgctt cacatgctcg agccatcca ggtcggtac 600
ggtgctgtga tctttctt cctgggtgct atccactggg qtcttgaagt ggcgggatat 660
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ccactctga tgttncctgt cgaagttgct ttgatcagac agttcctgct ttcactttcc 780
tgtactacaa tgaagctctt gccgcccgt gccggcctgc tccgcttggt tacggcatgt 840
accttttgt cctgacctta ttgtcgggct acctttgtcc ccactttatg ggctcgaacc 900
aaatcccat cccgcaccca gccccgcttt aaaacaaat aaacctcttc tttattttgc 960

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tgaaaaggaa

970

<210> 6013

<211> 728

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 6013

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gacgacgcag	gaagcctaata	accaccccgc	aacgcacccat	caaactacca	aagtcgcccc	120
gcattctccc	cacacgctcg	ggcacacaaac	ggcgcgcgtca	caggcgctccg	ctggacctcc	180
aacggtctcc	acctagtaac	atcaggtcaa	gacgcgcgaa	tccgpgtatg	gaacgcatac	240
acaggcgcaa	acacactcgt	ccacttcgga	cccagagctcc	gcaacgcctt	gacctccac	300
ctcgcgcgaa	gggcaccact	agttctcccg	aaaggcgctca	cggggccttg	acaagagacg	360
ctcttatggg	ccaatttcag	cgagaacgat	gaccgtgggg	agatcctgat	gttcgagctg	420
cgggagggca	ctttttgtcaa	gcgtcttaag	gtgcctgggc	tgatgggcgg	gcaacagcag	480
ttccggggcc	ggtctagtgc	gtccagtgcg	gcgaggatta	attctctcgt	ttggcgtggg	540
aatggggcgt	cgggggaggg	catggagatg	ttttctgcgc	atggggatgg	gacgatccgt	600
tcctgggttt	cgagggaacc	ggagggagaa	ccgatgaag	cggaggaagc	tgagcaagcg	660
gacgaanac	ggaaaacggga	tgttttggat	gagatttaca	gggggtttat	tgggcaagcg	720
taagctan						728

<210> 6014

<211> 620

<212> DNA

<213> *Aspergillus oryzae*

<400> 6014

gtttggcaca	ctgaccccaa	tcaattgcaa	gtgggagtga	taatcgcttc	gactaatgca	60
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gatcttttaac	aagcgtggcg	ttggtttttc	aaaatgtcaa	acgatggata	tgactggctt	180
togaattatc	cacgaccgga	cttatatcac	gttgatcata	gatatggacc	tgcttctgga	240
cgggtcgaag	gagaccaggc	tccgtatctc	agtgcgcgcg	cagcaataaa	agctgccacg	300
gacagccctt	cgggtatatt	tcaactccca	tatcagctac	ctaaccaaga	gttgatgagt	360
tatacaaata	gcacctccca	gtaccagtct	gccgctccca	tgccaggctc	ttaccaggga	420
ccaccacctt	actatacgcc	gtcaactgct	ccagagacct	cccaaggaca	ggtctctcaa	480
cagccctcca	cttattacag	tacttcatgg	aaattcacac	accatacgtc	atactatggc	540
catgatacga	aaaggcgccg	tacagacact	tttactccat	tcaaccagca	ttggataaca	600
cctacggtea	ctcccgacat					620

<210> 6015

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6015

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atcgcaagt	agtcgcattc	ctcgacgagc	gtaaacccaa	gaaccctccc	cgacccaagg	180
gtaaacagct	acctacatcc	acggaaccaa	accgaaatca	aagcagttca	agcaagcgcc	240

aagacaacgc	taaatccgct	gaaagagtgg	acgatgatga	cgatgaggaa	gaggaagagg	300
aggtgcagct	gaatctggaa	gaggacgatg	acgaggatct	acgagaaaga	ggcctggtag	360
aagacgacaa	catcgaagaa	gatcacgatg	aagaagagga	agatgaaaat	cattctgctg	420
ctaattcaga	cgaagatgaa	attatgggtg	attgattttg	ccaatggagt	gttatctggt	480
tatcaatggt	ttcgggaaac	gggatgagct	cgagttgctn	tacttttcat	tcaaacactt	540
ttcaaacttt	tattttccga	cgaggatttt	ccttttttaa	agggggtggt	ccgtggaatc	600
ttctctgggc	cagtcatgac	tgtcaactct	tcagggttat	tacgacaaaa	ttcttctt	658

<210> 6016

<211> 603

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 6016

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agcggtcttt	ctttctctag	catcggatca	gctatcagta	tgtccaagcg	tcacccgtcc	180
gatcaaggcc	aactaggtac	cttagtggag	gacctacaaa	aaggaaatgg	cgagaataca	240
acgatgtcaa	tggcaggggc	ggacactctc	gagcctcccc	ggatgccgca	acatcttttc	300
agtccagact	ccccaaccca	tcccgcacac	agtatgggaa	gtgtgtccct	tcttcatgat	360
aagcccatgc	aaaaaacgac	aaagcaggac	cagccggagc	cccctgcaac	aactagccct	420
accactgac	gacctgcccg	tgcagccccc	cgcccaaagg	gcccttgccg	cggtctgtgc	480
gagatgatca	tggggtaata	tgtgtcgtcc	gggattatac	cggcccgga	cgctaccccc	540
ccatgcgcgt	caaccctcgc	ggggctatcc	ccgtctctnca	ccnccccgat	atgcaagacg	600
ccn						658

<210> 6017

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 6017

gtccagagat	ggcaagcaca	ctcccagccc	tqqccattcc	aggccaacgt	ctggggcccag	60
tgacctccta	ctccgcgggt	ccaggcacac	acgtacaaca	atccaatgtc	tacgcctcca	120
tgcgcggccc	agtcgtcgtc	gaaccagcgc	aacccggtc	caaaggcaaa	gtacccttaa	180
gcgtttctcg	ctcgatcagg	gctcctggaa	caggcaatgc	ctccaaaccc	gtaaccacag	240
cccccggcgc	caaacccagg	gcaacttccg	ctacccccaa	gccccaaagt	aaatataaca	300
ccctccccgc	agtcgatctg	gtggtgctgg	cgcgctgtac	gaggggtccag	aaacgtcagg	360
ctaongtgtc	tatcctcggt	gtggttggtg	aaatcggcaa	ccccagggtg	gtcaacccct	420
ccagagacaac	gtccgataac	gacaaacatc	aggcgattct	ctnctnccgc	gncatcccg	480
agaaccatag	caagttcgac	gagctcgggt	tcnaggctct	tattcggaag	gaaatgtgcg	540
tgtctggtgag	aaaaacgggt	cggttatggac	gagatgttcc	gggttggtga	tattgtccgt	600
ggaaacggtta	tctcctcggg	ggatcagagt	ttctactatt	tga		643

<210> 6018

<211> 561

<212> DNA

<213> *Aspergillus oryzae*

<400> 6018

ggatagcggc	atagctacta	acttggtgcg	aggcgatatg	atgcgtgac	gcgcggggcgg	60
ctaattcttc	ttggactgga	cgagagccgt	aagcaagatg	ggctcgcttg	gaatatctat	120
accggcgac	ctttctttgc	tcttgacgta	accccaaagg	gggatgaaga	gcaacagacc	180
aattccaaag	ctgtgattag	cgccatggag	gaaaaggggt	tgagcttctt	ccagtcgaga	240
gtggtcatga	ccttttcagc	tgacgaagct	gccatttatg	cccagtcctg	cgctctcatg	300
gattggaata	accgtaatat	cttctgtggc	acttgcgccc	atccgacgct	ctctgtaaat	360
tccggtacca	agcgtgcctg	tccacctaca	gacgttgccc	gtgtcgtgga	gggaaaacca	420
gccgaacgac	ctgcctgcaa	cacgcgcact	actctttcca	atctctcctt	tgcacgtacc	480
gatccaacaa	tcattgtggc	cgttctttta	accgatgccc	aacgggggtt	tggttggact	540
atttaaaacg	cttatccgcc	g				561

<210> 6019

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 6019						
cgctataaaa	tcccttgggg	cgggaaaagg	caggaggagc	agtacctgat	ggccagacag	60
aaggaacacc	tcgcacagca	acaggccatg	atgaagcaaa	tgcaattcca	ggggctcccc	120
cggacgatcc	acccccatca	gctccagcat	cattcgagcg	ctcacagcct	tcacagccag	180
ccaagtttcg	gtagcattgc	ctcgctgtt	ggtttccaac	catcgccctat	tcagggaccc	240
atccagcagc	aacaacagca	gcagcagcag	tcgcagccgc	agccgcagcc	tctcgctggc	300
ttcttcgacg	cggccggctc	gatcaggcag	aacctgcccc	atgttggtcc	tcagatgctt	360
ggaacagacc	tggggcgccg	ccaagatcag	cttcctgccc	ttcttgagcg	tttgaacgtc	420
aaccgaccgg	acccgtttgc	atgttgccagc	gccgcgcctt	ttgccactcg	gcagccggac	480
aacttggttc	atcaacagca	ggttgctacc	atgctccaag	atcgggctca	gctgcaacag	540
gaacaagaac	aatttgacag	cactcaaggt	gacagcttgt	tcgaccaaca	ggcccgtgaa	600
gaacggctcc	gccagtttca	tgctttgagg	gcacaaggaa	gatgaattcn	gcattgcgcac	660
tgctgagggg	gcttcaactc	accccactac	tggcccntn			699

<210> 6020

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 6020						
gcgggtgcga	agaaggagct	tgcttactta	gctaggttcg	gtaaaagact	gcaacctcgt	60
gagcgtgttt	atagagcggt	atacggttac	aaagaagtgt	cccatttggg	tcaggtgagg	120
aatttggaag	actatctacg	tgttgcaccg	tatctagtgc	cggaaaacat	caaattctctt	180
tgccagccta	caatcagaca	cccggactgg	caccgaaca	atatattggg	gtccgacgat	240
cttacaatta	ctggtttaat	agactggcag	catggctcta	tcttaccact	cttctctaat	300
tgtgggtttc	cgcaacatat	atggaattgt	ggggacgagg	tttcaaaatc	tctcgacacg	360
cctaagttac	cagacaattt	cgatgatctt	gatgatagcg	accagcttaa	agagctggaa	420
attctccgaa	aacgtcgtat	ccatcattac	taagcatggt	atactgcaat	gttgaatcct	480
tgtcatacta	ttgccatgga	gcacaaatca	agcttgatga	agggcctggt	tttcaaacac	540
gcaaccaacc	catgggatgg	ggatttggtg	tcacttaaag	cgggcctcgt	tttttttaggg	600
caaaaactgg	aaaaacttgg	ccacccttgt	tccggcacta	aggggggggg	ctggccatta	660
aaaatattca	aacggcgagg	gaacttgc				688

<210> 6021

<211> 832

<212> DNA

<213> *Aspergillus oryzae*

<400> 6021

tat	ttt	tat	ca	agt	atg	tgt	c	at	g	aa	t	g	aa	60
tg	ttt	ta	ca	ca	ta	g	ca	g	aa	tg	ca	ac	ct	120
gg	gtt	ctt	tg	agt	gt	ct	ctt	ca	at	gg	cc	gc	gc	180
tt	ct	gg	ca	gc	tg	ct	ga	gc	cc	ct	ca	at	g	240
aa	gc	ca	tc	gc	g	ac	ctt	ct	gc	g	g	cc	cc	300
aa	gc	ca	tc	gc	g	ac	ctt	ct	gc	g	g	cc	cc	360
tg	ga	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	420
at	gg	gt	gt	tg	gc	gc	gc	gc	gc	gc	gc	gc	gc	480
gg	ga	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	540
gt	ga	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	600
ag	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	660
tc	ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	720
tc	ct	ct	ca	tc	gc	gc	gc	gc	gc	gc	gc	gc	gc	780
tc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	832

<210> 6022

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6022

gt	tc	cc	cc	cc	gc	gc	gc	gc	gc	gc	gc	gc	gc	60
tt	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	120
gg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	180
gt	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	240
ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	300
ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	360
cg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	420
ac	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	480
ag	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	540
aat	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	600
gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	653

<210> 6023

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 6023

gg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	60
cc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	120
tg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	180
ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	240
gg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	300
tc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	360
tc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	420
tt	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	480
ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	540
at	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	600
at	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	660

tcgccgactt cctcaaata caacctaccg

690

<210> 6024

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 6024

cacgaactca	tctaagaatg	tgatagacta	gtgttgcaaa	aacgagcacg	atcgctgagg	60
agagcgaaca	tgaatccgcc	gaaccatccg	atgaggatgg	ttgaacaata	tgccgaggca	120
aattattgctt	ttcatattat	tagcgcgtct	ttgtccgctt	ttgattttct	ttctttctct	180
cgtacctatt	catacttatg	attctatgga	tgagtttall	tatgtgtgct	tttgtagcga	240
gggatgtgtg	actactcacc	tatcacgttt	ctactaccat	tatctggcag	caaccagtgc	300
tatgtctgtt	tatatcgtaa	tggtatgttg	gtacgaagt	tcctattgtt	tccaaagaaa	360
cctgcttatg	tttactttac	tgggaacgca	tgtatggaat	gaatgttttg	atggccctct	420
tatttttgtt	cttggtttttc	ttgggtttttt	tatttatttt	atcttttttc	ctatctgcac	480
cattttcaaat	tcttgagatg	gtcaaactct	tggatgatct	atgatgccaa	acacgtcttg	540
ccttttagcta	tatgccgaat	ccagccttac	tctgactgat	cgaactgttc	cttaaagggtg	600
attataagat	gagttgtggg	ccccgatata	actatgatgc	angtggcgtg	aagttgggta	660
attcccaccg	cactta					676

<210> 6025

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 6025

cccttggtta	gctcggacgt	tcatattcgc	ggattcagga	aagaaggcct	tatgcgacac	60
aattttggag	ctcgatcgtc	gtgtacctgt	gcggtgactt	gagcgcacag	ttattgtttc	120
cgtcagataa	caagtcggtc	aaggatacag	cccagaaaaa	ttcagagagt	gaagacaatg	180
acgccgcgac	atccggaggg	ggatatgccc	cgtggaggac	attgcggcat	ttgaccgtgg	240
gcgcaggatc	aagcattccg	tcgtataact	ggtatgctgt	ccccggctct	ttagctttgc	300
cataatggga	caatatacta	atagatcaac	aataggttca	tgcttcctca	ccaccacttc	360
aatttcgcat	ccaaattcct	ctcgatcctc	actaaggctc	gcgtgcaaca	ggccgtgttc	420
acaccgcgtc	tcaacaccta	cttcttcagt	gtccactcgc	tgctttccgg	cgcaactctc	480
gaggagacct	gggagcgtct	gaagaaagcg	ctttcgggtg	gtatcaccaa	cagcgcggaag	540
ttgtggcctg	cagtcaccgc	gttcaacctc	atgtacgtgc	cggctcaatt	tcggaatata	600
ttttctggag	ttattgcggg	cggattgcan	aacgtatctc	aacttggtga	aaccanaagc	660
gngcgcagaa	gtctagg					677

<210> 6026

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 6026

gtccaaactac	tgccgtgtct	tatcccaggt	ttattcactc	gttatccctc	acaatcgacc	50
caattgacct	cataaccact	ttctcccgcc	ggcgcacacc	ctctaccaa	gcccacagtg	120
acgacgacca	ccatgcgaac	ccacgacgaa	ttctcgccg	accaagatga	gcccagaccag	180
cccacaaaaa	gaaacaaggt	tacccatccc	gcgaaccgca	tctgctatga	ctggatggtc	240

gtatctggaa	actgtcacta	tgctagggac	cgcgcglat	tcacgaccta	ccgctccgtc	300
gacctgcgc	tgaaaaacaa	catcttcaat	cccaccgacg	agctacacgt	cgcgggcttt	360
ggcaccgttc	atctcaccgt	gtgtaggagc	ccgcaggacc	cgacgtcgca	tgatcatcgtg	420
ttggaggatg	tgctgcata	ccccgaggcc	gtgtgtaatg	gtttcaaccc	gctgctattc	480
ggtagtagca	tgctgtgtaa	tgcggattac	tgggagggtg	cggatcggag	tgggcagccg	540
gtgtggttta	gtttgcggtt	tgcgggtcat	acgaagtggg	ttttggcggg	ggatcccaag	600
ggtgagtcctg	agttgattga	ggggagggtat	tatacgcccta	atttgtatat		650

<210> 6027

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6027

cgctattatt	acccacctcc	aacatgatga	aaatagcctt	ttccttcctg	agtcgtgcac	60
ttttttctct	aagctttatc	gtcataacaa	tccaggcaat	tggtggcggg	attgaagcgc	120
cacaggcttc	acatataagg	gcactttacg	ctaaatccga	gtttgggttt	taccagttta	180
gctgtgggtg	agtcctgata	tctccgaata	aaattctcac	ggcagcaaat	tgtgtggatg	240
gtcgggtccct	gagcgatttg	aaaattggat	atggttcttt	agaccgagat	agcgaaccaa	300
ctaccagtea	tttatcggag	attactattc	atccggacta	tgatccgttg	accttgctcg	360
caaatatcgc	tgttcttact	ctacgagacg	ttttctctgc	gccttcctac	gcgcggttag	420
cccaacagcc	ttctattcga	actggtgatt	ctctgacgtt	atacggttgg	ggtcgaacca	480
gccttgaaaa	gataaaatta	ccaacaaaat	tgcataaggt	cgaagtacaa	gctttggaca	540
caatcgccctg	tgtatctgaa	catcttgatc	ttggctccgg	acaattttgt	gatacatcga	600
cttctgggaa	aggatcctgc	cttcgggtgat	catggcggac	cagccctaga	ttcatctggg	660
actgtggttg	ggatcatg					678

<210> 6028

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6028

gaagtogaag	caagatgggtg	tctttctcct	cttgtctccg	ggccttagcc	ctcggatcct	60
cagttctcgc	gggtccaacct	gtccttagac	aggcgactgg	tctagatacc	tggtcgagca	120
cagaagcaaa	tttttcccg	caggcaatct	tgaataatat	cggcgagat	ggccagtcgg	180
cgcaggcgcc	aagtccagg	gtggtgattg	ccagccctag	caaaagtgc	ccagattatt	240
tctataacctg	gacccgtgac	tgggtctcgc	tcataaaaac	cctggtcgat	ctgttcagag	300
gcgatagtcg	cgatcttctc	cctatcatcg	aggagtccat	tagctcccag	gctcggatcc	360
aaggcatctc	aaacctttct	ggtgctcttt	ccagtggggg	tctgggagag	cctaagttca	420
atgtcgacga	gacagcattt	accggcgcat	ggggtcggcc	gcagcgtgac	ggaccagctt	480
tgcgcgcgac	cgtatgatc	tgtttggag	aatggctagt	tgaaaatgg	catacaagca	540
tagcgacggg	cctgggtatg	cctgtttgta	ggaatgatct	atcctatgtg	gctcagttat	600
ggagccaatc	cgggttcgat	ctctggggag	aagtccaagg	cacatcatte	tttactggtg	660
cagtttctca	tgcgcgtttg	gtaga				685

<210> 6029

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6029

ctttcaaccc	tacatacacg	cgatcttctc	gtcaaccagt	aaaagccctc	caacatgaag	60
tggtcagcat	tgggttctct	atcgggtctc	gcactggccg	ttcttccctc	cactgggtgcg	120
tgggagttca	cttgggagag	cgcgcgcaac	acaaqacacg	tggaaatccg	ccacggggccc	180
tccaagtgtg	taacccgtcg	ccataagaaa	ggaatggtat	ttttcattga	tgccgaaggc	240
gaaaagaaca	tcaacatggt	actgtacggc	accgatgact	gttcggggcaa	ggctgtggga	300
caggcgaccc	agcgcctttc	caaagcgtcg	tgggtagaca	tccatgggtt	ccaagttgaq	360
agtctctcta	ccggatcgaa	tgcgaccacg	actgctgcga	atgctaccgt	gacatcgaca	420
agactcaact	aatcgtctct	caccgccaac	agcgaatcca	gcgatgtgcc	aacgacgtcg	480

gcgacgacca	cgtctgatac	agctgccacc	accacaagtg	cgagtgaaac	aagcacgtcc	540
accccgaaatg	catcactgcg	actgtccgct	gccggtagcg	acatggccaa	gactgtgatt	600
ggtatgggtg	tgggaacttgc	gacgggtcgaa	tggctgtggt	agtcaactct	tgtggtaatg	660
agaggaggag	agga					674

<210> 6030
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 6030						
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tttgtttttc	tgtctaaaga	tccgaggaaa	gggatcaatt	tccaataatt	aaacacataa	120
tgggcgcgg	tagctccaag	cctgacgctt	cggcgggctc	gaaacatggt	ttttcgagca	180
gtggccccgt	cgagttctca	tctaacctcg	ttgaccacct	ccaatccaac	accgagacgg	240
acgcctcccg	tgcaaagagc	atcgaactcc	agatccaggc	ccgcgtagcc	caagagctcg	300
aaagctctccg	tcaacgcgag	cagcagacca	ttgctgagat	cgagaagcgc	attgcggaat	360
ccaaagacac	tgtccctctg	tctgtctctt	ccacaccaaa	catcagctac	cctcctggct	420
cgctgaacct	ggatgctccc	cggatccctt	tcgcggggccg	cgaatacact	cctgccccctg	480
tccccgatgc	gcaggccatc	aaccgtgatg	tgtccngtga	ctcggtaaac	accgaaatcg	540
aggaactgcg	tgcctagctt	gaggccggag	aaaagtgtgt	taaattgatg	agagcgttga	600
gaaggccaag	tcaatgtcgg	gaactgtttg	cctttgatga	ccgcgcgc		647

<210> 6031
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6031						
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gcccctcctgg	cgttagtg	cgtgcgttc	gacaagaacc	aacctggggg	caagcgcgac	120
tacaactgtg	tcaacgtctt	ccaaggcatc	cccgaacaat	cgaccgtcgc	tcccggcgct	180
gagatcaaca	tcaagttcaa	cgcgaactcc	aagaactgcg	agtctctgac	ccagtataag	240
ggagcgggtt	attctatcta	tctctacaac	aacctgttta	gaaaccttga	cactatccat	300
ttcgacaaaag	aacttttcat	caagaaggat	atccctgagc	aggacggtgc	tgtcacgatac	360
accatcccg	ctcaggagca	gctcggcacc	gttgccgacg	acagcgtttg	gtatctccgt	420
ctctctacta	gcttgaacga	tgtcccccag	atgcctactc	ttttcaatgc	tgtcggaccc	480
ttcgctatctc	gtgcttaaat	gtccatggta	gtcgtttqtt	taatcgcgat	ggactattga	540
catggatgga	aggetatctt	gacatatacc	cttgtatcag	cgtatctctc	accgtgaaca	600
cttgaccttc	catatcatct	ttcattacct	ggagatgtac	atgttaatat	cctacgtttt	660
gggaccaggg	cgttgaa					677

<210> 6032
 <211> 551
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

<400> 6032						
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cgtgagcgcc	ctgtctctat	acqatgggct	ggtatgagtc	ggtgggtggc	gcacctgtat	120

gtttctttctc	ccatggcctc	ttctttctttt	ctttctcggc	gaatccggtg	tggtcggaat	180
tcttggtttt	ttttatctcc	ttcttttctt	atcttgacgt	aaccatttct	gttttggtt	240
cattacttct	ttttggtctt	tttgcgctct	ggattcccat	tactacctgt	ccttgactt	300
gtctaccctg	tgccccgtat	gggtggtatt	ctggtcggac	tgtttctcct	gtactctttc	360
tccacgtctc	gatgaaatgt	gctatatcct	ggtttcatct	ttcggggaca	tttatatcat	420
gaaaaatcac	gggcaatggg	ttgtctcgtc	ggcatcattg	gctttgattg	acaaattcct	480
gttcttccag	tttgcagttt	gcagaaaaga	aagcgcgaga	tgngtgattg	aggttatgct	540
tctctgata	t					551

<210> 6033
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 6033						
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tggagaaatt	ttcgagccga	ggtgatgcgc	aaccaacctc	gaatcaaaac	ctagcagcac	120
cttcgtcggc	ttccttcgag	gctcttagga	agagagcctc	cgtctcactg	aatggtaatc	180
cggactcggc	gccaggatct	aggcatgggt	cgttcactcc	tgaaagtttc	tctcgagctt	240
ccagtgtgag	gcgccccgac	tcgcagtcta	gtgcaagcgt	caaacgtaca	aactcagtgt	300
cggttacagc	cgggataatt	cgtgactcca	atactactcc	aggagattcc	aaggttgatc	360
cttcagagaa	cagcgtgctc	aatctccacg	ctagtccctc	gacagttgag	catgacacct	420
gcgaatctcc	ttcacccgat	ccgtcgcacg	aacctatggc	tagcaagtcg	aaagagcgca	480
gcattgtctc	gtcttcctgc	ggctcgagta	accagccttc	tgcgtgtctc	atgccgcgct	540
cagagatcgc	gatgtcaatc	tctctcgctc	ccaagaatga	agacacctca	aaacctgtcg	600
tggatgcccc	tttgtctccc	gaaggaaaaga	aagaatctcg	cgtttctcgg	cttcttcgtc	660
aagaaagcac	gccgcttgat	tcangg				686

<210> 6034
 <211> 859
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(859)
 <223> n = A,T,C or G

<400> 6034						
ccttatctat	cctcaccagt	caccactcgt	tctcaacatt	tcaaacttag	tcattcattt	60
cgaaaaccca	ccaaaatgaa	atctctcact	ttccccatcc	tctcactctc	caccagcctc	120
gcgcgcgcgc	gcaccgatct	cgacggctgc	accaaaccgc	ccaccgtcaa	ccaatggggc	180
gaagccagca	tgatctggta	cgtgccccgac	accggcgaga	tctgcgattt	ccttgactgc	240
ggcgggtggc	gcgctcccc	caagtaacaac	cagcccggtg	gcgcgcctta	caccggcacc	300
gagacettga	cccgaagctc	cctcccccggc	tggggctcgc	acggcgaagg	tgcgcgctcc	360
aattcggtct	tctcggtctc	ggcaacgcct	tccgaggccg	aggccacttc	cactggagcc	420
gttaacctct	atactactaa	gaccggtagt	actttgatta	ctgctgcgcg	gaacctgtcc	480
actgggggtt	ggtcttcggc	agctgggtct	ttcttcgcgg	ctgggttctc	ttcgcggttg	540
gcggagagtg	gttcgtcgtc	gagctctgct	tgtcgggttt	cgaggggctc	ttcgaatacg	600
acgtcttcgg	ggggtcttct	ggcgacttgt	aatgcggcta	gtgcgatggg	tatqaatgcc	660
gggtgttatg	ctttgggtgg	gggtttgggt	ggtatcttgg	ccttgtaggg	atatccttga	720
ggtagatcac	agaggttaat	gctgggagaa	tntattgtat	tatcaagggt	gaggtattca	780
ttctcttgta	ttatgcataa	ttggaatgag	tacaagtgcc	atcatcttga	ntcnnnnnnn	840
annnnnnnn	tnnnnaaaaa					859

<210> 6035
 <211> 717
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

```
<400> 6035
ctcgatctga agatccctgt tgcaaaagtc tagcagggaa ctttgatctc tagttaagtc      60
cgatatcaga aaagaaagca agatggtggt ctgcagcttc ttccagcaag gccggtgcaa      120
atctggagaa cgctgcaaat tcgagcacc cggccaatca agtttaggct cagggaaaccg      180
ctttggagtc ctgtctggag gaggtggtgg tggaggtctc ggaggtcgtt ctgcgcaaca      240
gaaccagcag ccagcaaaact atggtgtcac agcggatgat atcaagaccg acctaacccgc      300
tggttaagggc cgtccagaat ggggttttttc ttgttatggc cctggtaaaaa acgccccaaa      360
gcaattatctt ggaggtgctc agcgagagca atctttcgaa gagctgcggc tgcgtcacta      420
tgaagctgct gcaacaggaa atgtagagca ggcagtccaa gaggtccagg ctttgtacgc      480
cgaggcactg aaacagatgg atgtcatatt gaacgacctt ggcggtgccg tgaaatacat      540
cgttgatggt atcaacgagc atccgaatag gattgatatc atagaaggta agacaggctc      600
tgcgtccagt caagggccct ctccatttgc caaccctcg catntcggca accagctgct      660
agcggtcaga cataaggatt tgtccaccgc tcgcatttgg gcagagttct ggattcgc      717
```

<210> 6036
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

```
<400> 6036
caagactctc accggcgatgc agatcgattc cagttgccaa acggagggca agtcccgatg      60
tgtaccataa attcactgcc tgtggctcat tgtggccata catgcaaaga agcaacaggc      120
attgcgcgca ttcaaaaatca tcgatgcgca taacgtaatg caactccagc acggcccgcac      180
cgaagaattc ccgatgaata aaccgatttt cttgctcgac ccaagacttc tccgtcgccg      240
caatgctaag accatatata caaagaaatt ggataccggg tcgacttcca gattagtcac      300
gaaaggagta agatatttgg attcgaaggt tggccgatgg agcactggga ggtaaggcca      360
ggggcgctca aagaagatat tcacaagctc tacataggca gcatcattga gaagactcaa      420
gjaaataggc tgttctgttg gcattgaatc atccccccag agattccagg cgcaactcaa      480
tgtgtcctca ttcatgcctt cnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      540
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      660
nnnnnnnnnn n      671
```

<210> 6037
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 6037
gtagcnaacc aatataatca ttgggatcta tttgacttga tcatcaaaat cgtcaattgt      60
ctttttctgt gcaactaagtc ttcgagctcg actgtttcat ttctgattaag catccgcctc      120
ggctttacgt catacatcta gaaccaagta ctaccagttt caaggcaaag acttcttttc      180
ttagtgttct attgttacca aatcgacgag aattcacaat ggttcacact acttccacct      240
gttgtaaaac ctcaggagac gggtcctgcg tttgcgcagc tcaagccaag tgctcctgcg      300
gaaaggagag cgtctttcat tgcacctgca acaaggccgc aaccgaaaac actatctctg      360
```

gggctcggtg	ctcatgtagg	gcccgcgccg	ctggacaatg	tacctgtgaa	cgcgacccga	420
gtgagaacca	tcccgtatcg	ggcgaggctt	gcgcattgcg	caaaaaggct	tcttcttctt	480
gcacttgtga	gaaggttgaa	gctatcgacg	cagccgtcga	gagcattgag	acagatttca	540
cgccccgctt	ccggtcgtaa	ttgttctttt	cacttttatt	tctcggttgc	tattttgtct	600
tggttggttt	ttatcatcga	attcattcct	agagttotta	tagggcggtg	ggttggtgct	660
cggaactgca	tcata					676

<210> 6038
 <211> 720
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

<400> 6038						
gcgatacttc	gtaaccgcgc	aggaggattg	atcttgatgg	tcttagaata	cgcgataact	60
cagctataga	cagacattgg	ttccgctctg	agcaccacat	ctangcagcc	ggcccgcggg	120
ttgtgactga	taacgatgag	cagagctgtc	gctcgggaagc	ctattactac	ggaagtgagg	180
ctataactac	gatccaggaa	gttgatccga	cggccacttc	cttgcccagag	gcagtctcga	240
ctataccttc	catcggcacc	ggatactatg	gaggagatgc	taccgtcatc	cagaagctgt	300
atcccaccgg	cgtaggagag	tctctcgatg	actacgatcg	ttacccttac	taccgcgata	360
attcccatta	caccatcttc	aaggctctatc	tgacctactc	agcgccgacg	ggctgcgcaa	420
cacaatggac	ccagaccact	gccgtcccag	tgagtccgcc	cgttgtagtg	cagaacttgc	480
tgccctgaac	cgccacggag	acttcaattt	cggtcgactc	cagccaaccc	ttccagccga	540
ccacttacac	ctatgacgtg	gtctatgtcg	acccgaccca	ggtccccagt	agcagtctcg	600
actccctcag	ttattataac	cgacccacct	ccctgtacac	agggcgacag	tgctattaca	660
ccagcacaga	gggttcctac	agcagaagtt	cctacggcgg	gtactacngn	tacgacgaca	720

<210> 6039
 <211> 661
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6039						
ggacacgaga	cccttctcgg	aggctcgacct	gaatacatte	acgctcacga	gcttcgtccg	60
ggacatgggtg	accctgggtac	atgcgctggg	gtatcggtct	gtgcagtgcg	tggtcggaca	120
tgattgtgga	gctgttacgg	cggcgatgtg	tgcgcttgta	cgcccgatt	tctttaggag	180
tggttggtct	ttgagtcac	cttttaaatg	gagtcctgtg	ttgccgtttg	ggacttcttc	240
ttcttcttcc	tctggagaag	aaggggagga	gaaggggtgt	ggaggaggaa	cggagtccgc	300
ggcaggggac	cacgtgcatg	atgagcttgc	tgccgcgcgc	aggaagcatt	ataagtggta	360
ttattcgact	tcgccagcga	atgaagagat	ggtggagccg	gtggccgggc	tcggagagtt	420
cctgcaaggg	tacttttacc	tgaagagtgg	gagttggggt	gggaatcagc	cgtttccggt	480
ggaaggggtg	aacgttgatg	atttggtcaa	gttgcccttat	tactacgtaa	tgccgttgga	540
gggggaatatg	cgccatgctg	ttcataggca	caattgagtc	cgagtcggaa	gggactgttt	600
cggttcgaa	ggagtgggtg	tctgattacg	aatttggcgg	ttaagtgggt	tagtaatccc	660
t						661

<210> 6040
 <211> 669
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(669)
 <223> n = A,T,C or G

```

<400> 6040
ccccctgtt acttccttct ccatgcccct ctttaaaaaa aagcccaaga ctccctccac      60
gaccaactct gctgcattcc gatcagtcga gcattctcca tcttcggtcg cattccctgg      120
cgatcttgac cgacgctttt cegtctccac caacgaaccg gtgccgccac ttccacctca      180
acatcctgcy cattccaacg tggttcatcg ctgcagagat caccgccgtc cgaacacctt      240
gaacaactat tcggtagtc cgcgcgcgt tgcgcgcct ccgcgcattg tcgatgctga      300
cccttcgcac cagtcgtggc aacacccacc tccagctgag agaccgcagg agcacgaaaa      360
ccgcgcacgg tccagaagaa acctcttctc cctacattcg cactcgtctt cctcccaagc      420
ccctagggag tcgacagggt tcttggaacg tcgtcgttcc gtaaggaaaa cttctccggc      480
cccgaacaa caggagcaac ggcccttgtc ggtggatacg gctgccgacc cccactcgcc      540
gtcaaaatcg agggagtatg tggtagacac aacccaagac ccttccaagt ctcccgattt      600
gcaggaccaa ggaattccac acgagccccg acctcctcgc tcgccgcaga accctcttat      660
aaccgatn
669

```

```

<210> 6041
<211> 659
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G

```

```

<400> 6041
gcctttcccc gagaaaccag ttcactacca ccacacctcc aaatataaaa acagcagcgc      60
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gctcggtacg taggtacggg tcacgcagac acgaccaagt acgaatggac atcgaacatc      180
atccttgaca gctacgcttc gtatatcgga catccgccga tgttgtcgta tatggctggt      240
ggaattggggg agccgaagga gaaggctcgg gctatgttta ttgagaagat ggttaggggg      300
gctgggaatc cgcctgagac gcaagagtga atggctnagg gtttatgggt gactgtctgc      360
tgtgatcttg ttataaatgg gtggttgtgg gcgtcnaggt atattaattg accacactgc      420
attccctgaa acggggactc tgggtcaagg gttggggggt ggactcaata ttaacgctgg      480
tggtggcatt gaatcatggg gcctcttgga ggcggtggaa tggcgggcgc tcaatggtgg      540
ccttgaacgc ttggagtatt ggagattttt ttctaaaacg ggtggccggg atacactggg      600
gttaagaaat ggatgcctat gaaccgcact aaaggcggtt gaatacccag ggctttaag      659

```

```

<210> 6042
<211> 687
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

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```

<400> 6042
ggcgcagga attttttttt ttttttttgg gctttgtaaa catgtatgcy caaaaggaat      60
acacatttaa agcgggaaat tcggaaagaa ttttttttaa ataatatcac cgcctatgac      120
gaaagcctag taaaagcccc ccaaaaggcc ccccttggtg gaactgcaca tgcgaaaaac      180
ggggggggcc atctccccaa aggggaaaaa gctttcaagg gaacccaacc cgggtgcctg      240
gggatccagg ccccggttagg gaaaccagtc gtggagaaac aaatcagggg gggaaaaaag      300
atttgacggg ttacaaaatc aagggtcaag agggccctgg gggaaaaaaag gaaagccccc      360
aggggaaacg tttggggggg qcaagaaaaa aaaccttggg ttggggqaaa      420
aacatttgtt gaaccccttc aggygaggtc cacagaaaaa gtrhgtrggg gaaaaatttt      480
aaaaacgggg ggagattggg gggaaaaatt ctccgggttc ccccgggcca aaatccgggg      540
ggtttaaaag ggggaaatgg gccatgtgta aaacaagaga ggttttccca agaggctgta      600
agaaacgcct ctctcaatcc gcggtggaat cttttgcccc gaatctgggg gagegttttc      660
ccgcggagat ggtggagttt ctccgtn
687

```

<210> 6043
 <211> 440
 <212> DNA
 <213> Aspergillus oryzae

<400> 6043
 aaacacacta cccctatattt ttttcccccc aaaaaaaaaa ggggggttttt tttttttccc 60
 cccccaaatt tttccaaaaa attgtatattt ttcccccccc ccgaaggggc ccctaataatt 120
 tggcaacaat tttttttttt cccaaatatt tccctaaaaa acccccgggg gttttttttt 180
 accccccaaa aaaggggggtt tttttaaccc cccccccctt ttttttttta aaaaccacct 240
 cttggggggg cccccacttt ttataaaaaga aagttttttt ttaacacata attttgttca 300
 accccccccct tttttttctta aataaaaaaac cgccccctct atgggggggtt taaacccggg 360
 gggaaacaaa attgttgaac cccttttttt aaataaagag ggggggggta tcccccccat 420
 acacgcgggg ggaaaaaaac 440

<210> 6044
 <211> 822
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 6044
 agacatcaat tgggctaacc tgcattgatg caagcccatt gtgacctgat atccccctttt 60
 gatacttaga tagtggttcta ttatacccca ccaccatgcc accacgagta cagaatcagc 120
 tctgtaccaaa cactctttct cctacctct ctctctctc cactcttacc tccacaatct 180
 ccaagatccc tacccaatgt tcttctctat caattacatc cacatctcgg cggacatgcc 240
 gtcccttctc ctgcactgtg gcctctcaaa cgaaactacg caatgagatg tttacttggc 300
 tgaacgggtga aggcgcgcgt ctgaaaaacc acatcccggg gtcaaccaac tatctcacac 360
 aaatcaagga gagagatgaa cagcctgtcg gacggaccgg tccgttccca ctaaaccaaa 420
 acttcgtcag cgagtctatt ttgagtgaag agctgaggaa cgagatctac gaccgcgtcg 480
 tanatcagaa gaagagtgtc agagctgtca gtgtcgatct gggagtcgac atcccagagag 540
 tcngtgccgn tgtcagggtta gtgcagtggg aaaaacgcc aaaaaccaca ggtaaatcac 600
 tagccctgcc atacgctcgg gccattcatg naatggtacc cagcacacc ctatacgaag 660
 ataccctgta caaccngnna ccgcctcatg agtcaantaa cgatcttccc gtcccacaaa 720
 ctgaccgacc ntcaaattct taccctgct cggaaccccg caatcaaccg ngtcgatcct 780
 ggnccggggt tttcgccgcc cagtttttca aacaagcaag tn 822

<210> 6045
 <211> 906
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(906)
 <223> n = A,T,C or G

<400> 6045
 cgaaaaatgg tactctgggt ggatcttttt gtataccact ccactggaga ttogaatatc 60
 attcaacctt gngagccgct aqacccggcc agtgggtcagc ctgagggagc qgcgccaaatt 120
 gtcaagactg gtgagagaat agtgaatccc cctattagggt ctcttttaaga ccaagacggca 180
 gaagacttgc tcttgagagac tatctctaac ttcccagagag agccagcgac gatcaaagaa 240
 gaagcagcaa tgttacttct cgcaaacatt aaagaccaca tggagaagct tcttgggcgt 300
 gacctaacag caattcaaga aatgggcaag gatccggagc aagtcaaaga gatccgtgct 360
 gctcttacgg cgatactagg tqcaaagggt gacggattct cggaccttca agacagagct 420

aaagatctgc	cacccgccect	tcccgaagac	gagccgcgcg	gcaagaaggc	cataacttaca	480
atagatcgaa	gcacgacggc	cggattcccc	cgtatctgct	gggctgacct	gcccgaacctc	540
aacgcctatg	gtgcccttgc	tgcattggat	gcgaccatca	tggaggaaga	tacaagcatg	600
ccgcggtcgg	ctcaatctgc	tgetgaaacg	ctccaggaag	cgaatgatga	gctgatggca	660
cgacttcaag	agtcatctca	gattgtgggc	gacggcgatc	aggactatga	caccggcgat	720
gcaggaacag	ttggcgacga	cgattcacgt	agccttgatg	ctgtggcaga	tggaatcatg	780
gaagaaaaag	atgaagaaga	tgatgacgat	gatgacgatt	atcgaggccg	cccangtgat	840
caacaacgtg	gtctattgac	ggacatccct	gtagtccctg	gtaccgcaaa	gatagaggcg	900
cattct						906

<210> 6046

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 6046

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tataaaaaacc	catatttctga	acctcatctc	acccaaaacca	tactatacca	atctaattaa	120
cccaatacaa	acaaaaagag	aaaaccaaaag	acgaaaatgc	acctcaaaac	cctcctcctc	180
acctagctc	taaccacccc	aactctcatc	cacgcaaaag	atgacacaac	aacaacagcc	240
ccctacttctg	ggcgcggaagt	atccatctgg	caaccacact	actccggtat	agcgggcagc	300
gtagccggca	taaacgccaa	agaaacaacc	taccacatca	gctgcacca	agacgccccg	360
aaatcgctct	gccagatcga	caagccctgg	accatgatcc	aggcccagga	gtcctggagt	420
ctgacggggcg	tttacacggc	ctggagcagt	ggaaaaggatg	ccgtgacggc	tacgcaggat	480
tattcgtgta	cgttttacga	ttggtcggag	aaggcgtctt	gtgcgttgac	ggtgaaggca	540
acggggactt	tggagggggg	gaagtggctg	agtgatgcgt	cgacgaaggt	tagtggttgcg	600
agtgataagg	ttacgacgtg	ggggttgttg	gtgacggggg	gtgtggagag	ttttactatg	660
ccgcagggcn						670

<210> 6047

<211> 1020

<212> DNA

<213> *Aspergillus oryzae*

<400> 6047

ggtagaagga	tgtcttttctc	cgatttcgcca	gttctctgtcc	attcaaggac	gagcgaaaaga	60
cgccagtcac	tccggcaacg	atgctcctaa	agctcgatct	cttccctcgg	gggcctcatc	120
ttctcgcgct	cccttcaagga	agagcaacct	tccaccagcc	aatttgaatt	ctagaaaaac	180
cgattctgac	aaacctcgtc	ctcgacgcgt	tttcgacgca	agatctctcg	cgcccccttc	240
agccaatggc	caatctacaa	acatccttag	gagtacctcg	ttgcgaagcc	cccgcaaggg	300
accatccatt	cgcgctcgga	ggccgagacc	cccagcaaa	tcgtcagccc	ccaaattacg	360
aaaaggtgga	cgacctcaac	gttcgaaaaa	tacggatatg	gaagaaagcg	atagctctca	420
gattgagaat	gtatatcgcg	aactcgctga	gaaatcaagg	ccaacgccaa	gccgctacga	480
accccagggt	cctgaacttct	ctaacctgaa	ggaaacttgg	ccctcttttc	ccacgggtac	540
gactgcgaat	acagccgagc	ttgttgaaaa	attatctttt	ctaagtgaac	gctttccaaa	600
tygttatgtt	actccttatg	aactgggcat	ggggetcttc	aggggacagt	ttgttcagtt	660
tctcgacgag	gaggaaaaag	cacaggctat	agcagaggcg	aagaaactct	cccaacagcg	720
tgcagacaat	tactcgcagc	ggaaaaggca	tttagtagaa	cccagggaag	tccggtttat	780
tccgctgagt	gtggaggaca	ggaagtcctt	agtgcattcc	ttcatccaag	gagcttatcc	840
caaactcagt	attgaaaaag	ccgcctcgc	tattctcagt	gaagtgaaga	agaatctcag	900
aaacaacgag	tattatcaag	cagcccgtaa	gagctcacaa	tttjttgcaa	aaqtgqaat	960
cactctgtct	tcagctcgcc	cagtgaggcg	agctctaaca	ctcctgagag	gtcattgtac	1020

<210> 6048

<211> 820

<212> DNA

<213> *Aspergillus oryzae*

<400> 6048

ggtgtccttg	ataatatcgt	ttcggatggt	atccggatgg	ccgccgaagt	caagaagcgc	60
atggacgaag	cacagcgcga	actggaacgc	aacgctctca	gccggcccca	ggaagatgac	120
gaagaggacg	acgaggaaga	ctacgatcct	cgcagcggca	cttcagcccc	accaaccatc	180
gtcggcggca	tctccagctg	gggcgctggc	gcttacggcg	cagaccacga	acgacgcagc	240
gtccgcgaca	cagaccggga	cctcctggaa	ggcgctgaag	tggtcagcat	ccacaaaaag	300
gaagatacat	ccctcttgga	cgagaaggaa	gaacatcaac	acgcagccga	agggagcagc	360
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tgattcgggc	ggtgtgcgcc	ttcaagcttt	tcattgagaa	ttgcattgggt	tgatccactt	780
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<210> 6049

<211> 1306

<212> DNA

<213> *Aspergillus oryzae*

<400> 6049

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gtccaagcag	aaatatggtc	gtatcgtcaa	caccgctagc	accagcggta	tctacggtaa	180
cttcggccag	gccaactacg	ccgcggcgaa	gcttggtatc	ctcggtttct	ctcgtacctc	240
cgctattgag	ggcgccaagt	acaacatcaa	ggtcaacacc	atcgctccca	acgcgggtac	300
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gtaacagtg	ggcagcgggt	ggttcactag	cactcgtcgg	cagcgttcgg	gcggccacgg	480
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ggaccaggct	gcccctctacc	gtctcaacgg	ggaccgcaac	ccttttcaca	ttgaccttg	1260
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<210> 6050

<211> 613

<212> DNA

<213> *Aspergillus oryzae*

<400> 6050

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cccttttttt	cagccctaaa	agttttat	ggagtttttg	ctcctccccc	caaaatttgc	180
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cttccctttt	gggggggttt	tttttggg	cggggggtgt	tacccctct	ttaggggttt	360

ccaatttctt	tgcccccccg	ggggctgttt	aaaaaaacaa	accccttttg	gggggtttga	420
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ttaccaaaaa	gggcccccta	ataacgctcc	tttttaatgc	ccccgttaaa	ttaaacaaaa	540
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<210> 6051
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 6051						
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cgtcgatcta	gtgggaaagg	tcattggcac	tgacgggtccc	ttaaccacat	acgtaatcaa	240
ttgcaacccg	aagcccccca	atcaaaaattt	ctaccagggt	ggagattgtg	tcagctcatc	300
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acagactttct	cctaccgcgg	gtcgtgctac	tgctacgact	actggcaccg	cgtctgccac	600
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<210> 6052
 <211> 1216
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6052						
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catcccagtg	ccggcccaca	caagcatcca	tgccaatgcc	aaatcccatt	cgacagtcga	180
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taaaatcgtc	agcacaagtt	ctgcgtagtt	gtggccgcgt	agtcatgtct	catatcatgt	360
cccagagcct	ccacctaaagc	catgcaaaac	ggcggagcga	gcaagattga	aatccgaata	420
gcgaccgagt	gtttttcaaat	gggcctggaa	ggcaacqcac	ctggggggcaa	gctctgcttg	480
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acctggattt	aaaatactcg	tgaccactac	caagactggt	ttctgtctat	ccccactac	600
catogaacat	atcggcgctt	gctattagat	ctagaacttc	acaacttcgc	tacaactata	660
acacacgact	agtatactag	taccctgcac	tgcaagatgg	ctatcgccgt	tcgggttcgtc	720
cgcaccaacta	tccgccattt	ctctgttcgc	cgcccgccgc	cagacactcg	caacctctga	780
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tggttccatg	cccgttaata	tgctgtctcg	gttaccatcc	ccgaaggggg	aatctgtcat	960
cggtaacctga	catgcacccg	gacattttcc	gtattatcac	caacctctctg	atgttacgac	1020
ctttcttttt	tcccttggtt	ttgttatcac	cattccgggt	ggacttgcaa	ttgggtggcg	1080
tactggcgtt	gatattcatt	acaccacagt	atggaatccg	ttgtgtgaag	cgcattctct	1140
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<210> 6053
 <211> 672
 <212> DNA

<213> Aspergillus oryzae

<400> 6053

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gccgccacca	ccatgggtgag	cgccgatggt	tccgttggtg	aatgcgctca	aatgtgcac	180
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accggcactg	atgcctccaa	gaccggagac	tgcactgcc	ctggcactgc	tactggcacc	480
gatgctttca	agaccgggtga	ctctaccgat	actgccactg	acgccctaca	aaccggggat	540
tctatcggtta	ctggcactgg	taccggcgct	tgcaagactg	gtgacatccc	cggtactggc	600
accggtgctt	attagaacgg	ggactagacg	tgcaatggca	ccgacgcgtc	caaaatggcg	660
acgccttcac	tt					672

<210> 6054

<211> 650

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6054

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agaaaagaaa	gagatggagc	atgagcttca	gcagaaaagtc	ccggttgacg	aatcgagagg	180
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tgaggtgtcg	ggacctggta	gtggctcagc	tgcgcgaacg	gctggtaata	ctggagcgag	420
tgcaaccaag	actgccgagc	cgacacatcc	tcaaaacacg	agcgtanggg	gaacgaatgg	480
tccgtcgagt	actccaccca	aggacacgtc	gcgcaaggac	tcangatctt	cgagtggcac	540
cccattccaa	aagaaaaaga	agaaccgtgc	cagtgcgttc	tttcataagc	tcaaggagaa	600
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<210> 6055

<211> 686

<212> DNA

<213> Aspergillus oryzae

<400> 6055

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agcgaagctg	ggttccttcc	tctctcgcct	tgctcgtggc	ggctgtccgc	gcagctttac	180
gaggggtttg	agcactacca	ccaccatgtc	gtccaaggag	aaaactcgga	tcttgctcgt	240
ccgcccattg	aataaagaaa	ggcttggcga	taaatccctt	tccgaatggg	gggatcgcca	300
gcgcgcgaac	caaacggccg	aagctgcgcg	cattgatgaa	gctgctctgc	ttcttctgac	360
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aattggggcg	attgactcac	tctcaatggg	ggaacgggtg	cttcacccgc	ccgaattagg	540
gtcttctaac	gctttctaca	ggccgaggaa	caaaataact	tgggcatta	attcttgatt	600
ggccgggttt	tgccaggtac	tccttcgaac	gatcttccaa	agcataccga	ttcgttttgg	660
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<210> 6056

<211> 743

<212> DNA

<213> *Aspergillus oryzae*

<400> 6056

cttctattca	ggaagatcgc	tgagcttgct	attacccttt	tactctgctg	atatttcagc	60
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tcagccacga	tgggtgtcat	ccacgcccgc	cgagagtgtg	ggtataatag	ctggggcgat	180
tgggtttgca	gaccaagtag	ctggatgac	tggggtcgtt	gggtagcgtt	tgccgtcatt	240
gttggttggtg	cttttatcat	attctttctt	tttgcctgcc	ataacgctcg	ccgccgtcgc	300
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caacaacatc	aacaacatcc	ttactatgcc	gaccctcatt	atcagcaaca	gccaccacct	420
cagtatactc	cccaaccgca	aacatatggc	tactttggag	gacagcaaac	gggcattgag	480
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gtggtcgctt	tttttgaaat	ctctgcaccc	ctgctttttt	gtcaatatcc	agcaaggagg	720
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<210> 6057

<211> 305

<212> DNA

<213> *Aspergillus oryzae*

<400> 6057

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tggtctacgg	gcgcacagat	cctcgatctt	ttgtgctgcc	tccccccaca	ccccaacggc	180
aacagccccg	tgggtctctc	cttgccgggc	agcaaatctc	gcccctcagt	gagcaacttg	240
gtctcccaga	tccattcgcg	agcagggggtg	gtctccacaa	gcttcctcct	cctccgggggt	300
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<210> 6058

<211> 742

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 6058

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tcaagaaaaat	gatgggtgac	acgcggactg	aanatatgaa	gatactgaag	gcggagcaag	660
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<210> 6059

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 6059
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 acttaaaatt acgaggagct ccgtctcagc cgctagttaa ttggcagctg caatgggtgac 180
 cggaccagtg tctccgtcaa tgtctgaatt gattaaattt actacttcac cgccaccagt 240
 cgatgtcgac gtggagacgc ctangcgacg gaatgagccg cgggtcattc gagattatga 300
 tcgtgtaaga cgttccgcag gggcccatth tgctgccagt tcggaagcac tcactanagc 360
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 ctccgcagtc tgacgagacc atctatagcg agcaaagcgg gacgcggccg aagcagcaga 480
 tgccttcgta gattcgcagt ccacgcacaa tacgctagat ctgcacagtg gttcagtgca 540
 cgatgctggt ccattgccaa tgaaaggatc tcatatggnt gggagtcgtt tggggacgcc 600
 aaatacgtgc gcagcgggtga aatagcccgg tcttgatacc gcatcgtct 649

<210> 6060
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6060
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 gcccacctct ccattccgcc gcttcaaccg tggttaccgc ccgacctccg gctcccgttc 180
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<210> 6061
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6061
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 ttctcttcat ttccctgtct ccgctcgcac tcaaacacatc ggctggcctt gcggagggaac 180
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<210> 6062

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 6062

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gccgtgacat	gatccatggg	ataacgaatc	gcattatccg	tcttgatctg	gatgatgcac	180
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gtttcttcgg	gttttcgacg	cgcaagcgac	tcgggcgcgc	taagtccacg	gccaanaagg	420
tcagcgcggt	agaagagtct	tacaagcggc	ctgagaacca	agggccacaa	agtaagacca	480
gcacgggtcc	tgaccagcat	gcccgtattc	aggctgcagc	cgctgccctt	cagaggaagc	540
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actcaaagac	aaactttgta	tgacactgga	accggccatt	atgaacgaag	ccttccatgc	660
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<210> 6063

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 6063

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gaccccaccc	ggtatgggtt	atgctcagaa	tggccaaaat	ggggccatgt	accctagcca	180
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tgggccgtgg	cagaacggag	ctgttctctc	gcaatccccg	tattctggat	atgcctctat	300
caatcagtea	ccggctatga	catccacgaa	atcctcacct	gcacccaaca	gctacaatgt	360
gcccacagct	gtacagtctc	agcacactcc	tcacggatgg	tcttccccac	catatcacgg	420
aggttaccag	cantccacgc	acagggaatc	anccacaatg	ccgtggggcan	atttaccgtc	480
tcaaacagtc	actcctacat	cctacccata	tggtcaat at	cctggggcaac	cccatgaatc	540
anggtatgca	ngcgtccatc	cgttgccggg	aagcttcaac	ggtecccatc	canccccacaa	600
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<210> 6064

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<400> 6064

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catcaaata	tccattcatt	aaggcagcaa	agccgtggct	gctgctacag	aagccgcaaa	180
cacgccccgc	gcagatgggtg	aatccccggc	cccgaatggc	ggaacacccat	cgaagaatgc	240
agttctcatg	ctgcagaaga	ccgaggacgt	tattcctccc	aaaggaatag	tcaactcggc	300
acagctggag	aaagaattga	tccgtatggt	caccaatgct	gtcatgttca	atccccctcc	360
tcagcgcgga	ttcggaccgc	cctttccgat	gactagcgac	agcgggtcga	gagagagcac	420
ccagggtccg	gagtttagacg	aaggagggtat	catcaacgac	acgatagaaa	tgtttgaaga	480
tgttgaacag	gcagtcacgc	gatggcgcg	ggccgaacga	actgccgatg	aactggcgag	540
caagaacatt	ctgtcgcttc	gccgggggag	ccccagtgat	cttaacacgg	gtagtgccga	600
cgaagttaag	gggaagatga	aatgttcctg	taacgaatta	cagatattgt	tagtattact	660
tgtgaccttt	tcaggaaaaa	aacccccctt	cctgccctta	tttaactctg	gcctctcgga	720
aaggccttgt	ggttgaaaga	aaagactttc	tttaaccact	ttgacacagt	cttttaattt	780
ttggggcgat	ataaaaaaat	taataaatat	atttcttggg	gcgcggttgg	accg	834

<210> 6065

<211> 586

<212> DNA

<213> *Aspergillus oryzae*

<400> 6065

gaatggctcg	tccgatgcgc	acggcgcccta	cctatgcggc	catgtcactg	cgaagactcg	60
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tgagatccca	aattctcccg	atgcgacccc	gatgcatgcc	cgacgcggtc	gcattctctg	180
actcgcagtt	gccctgagtt	tcattctcctt	gctcacgcta	agcaccgtgt	tcttcgccat	240
cccaggcata	aatttctctg	tctgtcacaa	aatgaggggg	aaatttggtg	cgctttttatc	300
cactccgaag	ggtggtgaga	cacctgtgcc	ggcatcaagc	aacaagggtcc	cgcttgaggc	360
tcatatcatg	agcaaatgtc	cagatgcgca	ggactgtctc	cagaaactgg	ttgttccctgc	420
tatggagcag	atcagtgaga	aagtcgattt	cgagttgtcc	ttcatttgcaa	gcgtcactaa	480
tcaatcatct	gatatacatt	gcaaacacgg	ccctggcgaa	tgcattggcg	acatgcttat	540
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<210> 6066

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6066

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ctgctagtgg	ttggaactgc	agaccgatac	attaacatca	tcaatctcga	caatcccacc	180
aaattctaca	aaactatgca	atccccctctc	aagtggcaga	cgcgagtagt	cagctgcttc	240
acagatgcta	cgggggtttgc	tggttggcagt	atcgagggcc	gctgtgctat	tcagtagctg	300
gaqqacaaag	actctagctc	gaacttcagc	ttcaaatgtc	atcgagagag	acccccaaac	360
gaacggagaa	tcaataaacat	ctatttcggtc	aatgctatct	ctttccaccc	ggttcctggc	420
acttttcagca	cgcctggcag	cgatggaaac	tttcactttct	gggacaaaga	cgcgaacacat	480
cgcctaaaag	gatatacctc	agtagggggg	accatctcca	gcacgcgcat	caacccgcaat	540
ggcaatatat	ttgcctactc	tgtgagctac	gactggagca	aaggctactc	ggcgaacacc	600
caacagcttc	ctaaataagt	aatgcttcat	ccagttgtct	aagaagaggt	gaagcccang	660
ctgggtacaa	gga					673

<210> 6067

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 6067

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tcactcagct	tttctacact	gccaacacgt	accacgacct	actctacact	ctgggcttca	180
acgaggaggc	cggtaatctc	cagtacgata	acaatggaaa	aggaggtgct	ggaaacgact	240
acgtgatect	caatgctcag	gacggttctg	gcaccaataa	cgccaacttc	gctacgcccc	300
cggatggaca	gccccggcgc	atgcgcattg	acatttggac	cgagtcccag	ccttaccgtg	360
acggctcctt	cgaggctggg	attgtgattc	acgagtatac	tcacgggtctc	tctaaccggc	420
tcactggagg	acctgctaac	tctcgctgct	tgaatgccct	tgaatccggc	ggaatgggtg	480
aaggttgggg	agacttcatg	gccaaggcaa	ttcggtctaa	ggcggggcat	actcactcga	540
ccgattatag	catgggtgaa	tgggctgcaa	acaagaaagg	tggcatccgt	gcttaccgat	600
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<210> 6068

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(713)

<223> n = A,T,C or G

<400> 6068

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tttcaacatc	aactacctag	gagctgaaca	ggccagtttt	accctgaact	tctccaaggg	180
tgcattctcag	gtcatcgggc	agtactacca	gatgatccga	cttggcaagc	gtggctaccg	240
ctccatcatg	accaacatta	ctgttactgc	ggactttttg	gccccagagc	tggagaagat	300
gggcttttat	atcatgagcc	agcgtcgcg	ccacgggtctc	ccattggctg	ctttcagact	360
gcccgttgag	cgggagggtc	agttcgacga	gtttgccttg	gcacaccagc	tgcgtgagcg	420
tggctggatt	gtccctgcac	acacgatggc	gccccacagc	aacaacctga	agctgatgcg	480
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ggtgagcaat	gagaacgtgg	gtgacatgga	caaggctcat	gtggataaat	acacccaana	600
tgtgctggac	caagccaccc	actcgacaca	gtccaagcac	aaccacctc	actacaaggg	660
agagacgcac	tccctgcang	gtaagcatgg	caagactcat	ggtgtttgct	aan	713

<210> 6069

<211> 1386

<212> DNA

<213> *Aspergillus oryzae*

<400> 6069

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gaactcccttc	atgtccgggt	ttgccgaggg	cgattccaa	acggcccagg	gctactccga	180
gctcgatgac	tgttcgcttg	ctgtcggtat	acgggaaggt	ctcatgggta	acagtgaagt	240
ggggcatctg	aacattgggt	cgggacgtgt	ggtctggcaa	gacagtgttc	gtatcgacca	300
atccctcaag	aaggggcag	tgaacaaggt	agacaacgtc	qttgcatcct	tcaagcgtgc	360
caagggaagg	aatggccgtc	ttcatctcct	gggcttggtc	tccgagggng	gtgtccactc	420
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gcagcagctt	ctcgatcaga	ccaaggaaat	cggcattggg	gaaatcgcca	ctgttgtttg	600
acgtctactg	gpcatggacc	gcgacaaqcg	ctgggacgtg	gtcgaaattg	ccatgaaggg	660

cattgtctcg	ggagagggcg	aggagtcgtc	cgatcctggt	aagaccatca	acgagcgcta	720
cgagaaggat	gagaccgacg	agttcctgaa	gcccacatc	gtcgggtggcg	aggagagacg	780
ggtcaaggac	gatgacaccc	ttttcttctt	caactaccgc	tctgaccgtg	ttcgcgaaat	840
cacccaactg	ctcgggtgact	acgaccgcag	ccctaagccc	gacttccctt	acccgaagaa	900
catccacatt	accactatga	cccagtataa	gaccgactac	acattccctg	ttgctttccc	960
ccctcagcac	atgggtaacg	tgctcgctga	atggctcagc	aagaaggatg	ttcagcaatg	1020
tcacgttgcc	gagactgaga	agtacgctca	cgtaactttc	ttctttaacg	gtgggtattga	1080
gaagcagttc	gctggcgagg	tcgcgcacat	gatcccatcc	ccaaagggtg	cgacctacga	1140
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taagtacgaa	gctggcatte	aggggtgttg	tgctaccgac	aaggccatcg	gtgtcatcta	1320
tgaagccttg	caagaagcaa	ggctatgtgc	tcttcacac	tgcggtatcat	ggaaacgccg	1380
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<210> 6070

<211> 655

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 6070

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aaccatggga	ccccaggcca	atacaccaag	ccctccacgc	ccgataacgg	cacacgcac	180
tagcaatcct	ctgaccgcta	tgagaccgaa	ctcctcggcg	gaatatggca	cgcccccgac	240
gactacagct	ttatgcata	cgatacgttc	ataacacagc	aactatatat	cacgcagatc	300
gagcgcaaca	ctaccaatga	ggctgttgac	tactgccttg	gcaagagagg	cctcggatac	360
cgtgaccact	agctcgacca	gtagcccact	gtcaacgata	ccgggcacca	tggctagcat	420
ctgaataatg	gcgcaactgt	gattgccacc	gagcgcatta	tgcacgacga	catggccacc	480
gttgacgact	tcaggccctg	actaagctgc	ttgacactca	gaccgcgcta	ctagatgact	540
acgaaccgtg	ggctagcacc	ttgagctctg	agctacgctt	ccgaagagga	cgagccgacg	600
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<210> 6071

<211> 715

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 6071

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gatccggaga	tggtacagtg	gcataagaaa	gtcagccgac	ggttcgagct	tgactactgg	180
aagaagaata	tcttgcgctc	ctccccctct	aatttgcctc	cttaccatcc	atacttcagc	240
cagaaggatg	tacggaccca	caaagaagat	gaaccacctc	gaagtcaggg	ccgaacaacc	300
cctcacccgc	aagagccctac	tacggcaagt	gaacgtcgaa	accccataa	acaccgtcaa	360
cgaggaanag	acgacaancc	ttctctcact	actcgcaggg	tacaatctac	atactttccg	420
cgacaatcgg	aaaacttoga	tacgggggtar	angtctcgac	catcatctcc	acggttgcgg	480
gogaaagagt	ccaccaagtc	gcgtacgcgc	gagcgccccc	aggtttatgg	gogatctgtg	540
agtcocggag	cagtaccagg	gtacggagcg	tcagatgcat	cttcogaaga	ctcgggatca	600
gcagcaccac	agccttcacg	gtcagatcga	tacagctacc	atcgcaatct	atcaccaccc	660
gogagtgtnn	ccataacqcg	cgtcactcgc	acgaggcata	cgcccgcgca	ccttg	715

<210> 6072
 <211> 533
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

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gcacccacct agcggagaac ctgcggaacc tgcagctgcc aagtttcgat ctgacaggca      180
atcttcgtgc acataagatc acgtttggga tcattggaga cccqtgtctc atctcccttc      240
ctgcaaggga ggcgaggagc cccgagcctg ccttgaaaag gacgatgnt tattttcttt      300
taattcttgt caaacggctt cggcgttacc tcgttcaacc gcgggtccct tattttgatt      360
tccacaattg tataatcaac atcatcttca gcgtatgtag tactcgcgcc tcggggccatg      420
agtctaagcg acgctcatgt tatttaatat agcgtcata caacattcat atgggaggat      480
ctgcctccct ggggtgtggg aactatattt ggccggcctc ccttttttgt tgt          533
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<210> 6073
 <211> 785
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

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ctctataacc cgggccact tgcgtggcct gctggaagtg acgtacgctt tgttggtggt      180
gatgcaatgt tcaatgtcga taccaaccac cccttgagcc tagactctat ctctgctgct      240
atggaaagga acaagttgac agagccccta ggtccggccc agagtgccga gttcactgca      300
acacttaaaag ctcccagtcg agtaggtact gccatctcgt actggcgact gaagctccca      360
aatgggatgc ctttcgggtc tagactgtgg tgtgaaatcc aagtacggga agatgcacct      420
tctatcaagg gcccgctctag cttagagcca gaaggaaagc acggctcgga acgcacagag      480
agtc aaatga tcttccctaa actggagaag gagtctcctg atgcaagtgc ccacgaagcg      540
ggtgtgtgtag cgcagtgcc accctccgta tccaaccctg ctgagcaaga tgttctggaa      600
gatatggaga gtttgcctt gggtaatcat aaaacagaga atggattctt gaccgatgag      660
gagtatgaca tattggatgc cagtgaccag aaatatatgg atgccaagtc acgtgagtga      720
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<210> 6074
 <211> 557
 <212> DNA
 <213> *Aspergillus oryzae*

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agaagaagtc atgaagttaa tccgtcacac taaccaccga cgggtgaatct gccctcatca      180
cttcttccct gagactgaga tctgcgcctc tacacctgcc ttaggcgtca agatgagttt      240
cctcgattcc gttctttcat ctatcgagac gggtaaaccg tctccactac cgcagtcac      300
taccacacaa tcagcgcccg tctcactctc aactgccaaa tcggaggccc gcaggcccag      360
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cacgacccct	cgtgatgtca	ctgagcggac	aagtaatgct	gcaggtacga	aacgcacggc	420
tgatgagctg	ctgcaacgtc	ctcaaaagcc	tctcaccacg	acgtctatca	tacaaccact	480
ttctagacca	atggctgctg	ctgctgctcc	taagccccgt	cctacttcta	caccagctgc	540
gatggcgcgt	ataaagagca	ctatatcacc	gtcatcggca	tcacagaagg	caagccccgt	600
atcttcaaaa	cctccccga	agggcgtcga	cgccgggata	atggaaatgg	aaaggactgc	660
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<210> 6075

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6075

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aagcccaagc	ccacgacatc	atccaagccg	cctccgaagg	ctacggaaga	agatgcggcg	120
aaagctggca	ttcccgccgg	ctactcgatc	aagaactggg	atcccaccga	aaccctatc	180
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cgatttgacg	ccaactgcga	agacattctt	cgacgaccgt	tggcatagtc	cctcgaaccc	660
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<210> 6076

<211> 954

<212> DNA

<213> *Aspergillus oryzae*

<400> 6076

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ctggctctccg	cgggtgcggc	caacccccatt	ctccgtaccc	gcgacacacc	taagaacttc	180
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gccttctcga	acggcagcaa	tgtccagttc	agtctcgaca	cacctttccc	ttggggattg	360
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atgctaataa	ttataatgag	tccgttgagg	tgggatttgg	attttgagtg	tatattatta	840
caccgtgggt	gacgatcttc	agtacttaat	gaccctgatg	ttacagataa	atagcaatag	900
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<210> 6077

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6077

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attccccgct	gatcaagatg	atgtccagtt	gagctcagag	gtaacaatgt	cccaggccga	180
cgactgtatc	gatgattccc	tggatagctt	agacgagatc	tcagatagcg	aagaggaaga	240
ggatgaagat	gatgatgacg	aagatgatga	gcctatccgg	cctcccgtag	ccggaatcg	300
gcgccgccaa	tttccagcct	caaatggggc	ttcatcatct	gtcctcgcca	gtcgaatggn	360
ggggtgctcc	aacgtgaatc	ctacgcgatg	cgccgacagg	catcacgtag	tcaaagcaca	420
aatccgtctc	tcttcgagag	tgaattccg	cgagggtccaa	acgtgatttc	ttacgcgatg	480
cgccggcnag	catcacgtag	tcaaagtaca	aacaccgaag	gaaacttctg	cctcgaatgt	540
cataacactg	gacaatgatt	ctgacgagcc	cgttcaagca	atccgagaca	ttgccaaatt	600
accggccggt	gacccttttt	tattcttaca	tcagatacga	ttcgacaatg	attccgacca	660
tttaaagcgg	tcttattggg					680

<210> 6078

<211> 602

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 6078

tccttccaaa	ttcttttgcgt	tccatagaca	atccacccta	atagactctt	atcttagtga	60
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acatcgatcg	tcaggttctc	gtcagaccg	acgagggaatt	cgtcctgcat	gactgggaag	180
atctcacagc	gatcatcgcc	cggaacgatc	tccgaattct	aaagcggaaa	ccctccgac	240
tcaaacgcta	cctcgccctgg	acagcagaca	tcacagccca	atatggcaca	atcacagact	300
acatctgtca	acgcgcgttta	cgctggcnac	ctccagaccc	tgacaccact	accactggcg	360
gogccacaac	agacagtggc	gcagttttcc	acttcaaaaa	cccgaccccc	tttgcgcacc	420
ccgccgacta	caagattctc	cgcaacgact	ggccctaeng	cgtaacccca	gatatgaacc	480
acctcgctgt	gtggctacgg	actcctgtcc	ccgtgaagcc	ggatacggag	acgtgaccga	540
tgaagtccgc	gcgctgattg	aggattccgt	gcagcgcact	tttgtggcgc	ggcttgcgca	600
gg						602

<210> 6079

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 6079

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ccgtaagaact	ggttctcgtc	acgatgtcca	ccaaccgtcc	attcctggcc	aacttttttg	120
cggtgtttcg	cgcccgagcca	acgtataaag	cctcgggcgc	tggthccag	tgggccacca	180
cctctctcgtc	tctctcgcgc	actcagatat	cacagagtgc	ccgtggtata	gcaacccaag	240
caagaaactc	agggggcgtct	tctgaggccg	cctctacgac	tcattatcat	catcatcacc	300
atcatcatca	tcactcatct	tcagccggcg	cttcccactc	ccgaccccac	tcacacaccc	360
gatccccact	gaatcaatca	tctcctgcgc	gggactcccc	ggtgcccctcg	tctcggcca	420
ctccaccagc	tccctcatcc	ccgcccaacc	cggttccatc	caatcctatt	ccgattgccca	480
atggaccgga	ccgtcaanga	cgccgggagcg	acagctccaa	tggatcgggc	gggttccgag	540
acgtctctggg	gcgggagaaa	tyglacatcg	gcgggaggaa	cgcccgcgga	gaggagcgtt	600
tctatcgatt	anggatgggtg	acnaangggc	gcggccgatt	atgcgggagc	ggtcgantgg	660
gaagtatcca	ccagttgagc	ttgtgg				686

<210> 6080
 <211> 2142
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(2142)
 <223> n = A,T,C or G

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<400> 6080
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agaaaacttt ttttaggaag ttacaaaagg gaaaagaaaa atataaaaata tttttcttgc      180
tcacagcttt cagatttact tactgaaacg ggaagcttac aaccttttta ctctcaggt      240
gcttatcttc catacgacac actgcaagaa acacacactc tttttcgcaq atagacattg      300
anattccaga aaaggaaaaag aaagcaaaaa aaaaaaaaaga gttttctgtg ttgctctgt      360
ttgcccccaa aaaaagcgca tatcctttct tgtgtccact ccttcgcgt tgctgtcgat      420
acctctttcc ccacatagat tgtgacagtt gcgttgccct gttgagttaa tctcctagaa      480
aacacttgac tgtgcttttc tagttccctt ccctactcta catcactttt gatacttgac      540
ttcctgggtc ggtatcactt ctcccttgct gtctatcaac atctcttgct ggaggtctta      600
ctlgacttga tctgagctc agtcacggtt cgcttctaca cgaagcggtt tactgtgatc      660
aaaaacaagg caactttgct gtcggggaga cattgagttg tccatctcca caaaggactg      720
ccaatccaag ctctcgatt caatcagttt ttggctggtc tacagctcga gtatcatcta      780
ctcagctcgc aatggattct ctcacgacct atccctccac cgcgcagcag gcccgggcct      840
tcacttctcc tgcctccctg tcccttcccg gtggtgcggt tgacttgacg ccgccttccg      900
ataaagacgg aaatatggcg atgaaccttc aggggtgtaa cggacatgtg aacggtcagc      960
agcagggagg aaatgccacc aacggcaazg ggggtgacacc cgctactcct gttgcaactc     1020
cgggtgccaa cactccgggg agtggcattg tgcctacgt tgcaaaacat tgtcgctact     1080
gtaaatcttg actgtcgct ggatttgaaa actattgcgc tccacgcang aaatgcgggg     1140
tacaatccaa agcgtttcgc ggctgtgatc tgcgtattcg tgaacccaaa aacaccgctt     1200
tgatcttcgc ctcgggcaag atgggtgtca ctggtgccaa gtccgaggat gactcgaagc     1260
tggcatccag gaagtatgcg cgtatcctcc aaaagctcgg attcaatgcc aagttcacgg     1320
atttcaagat ccagaacatt gtgggtcctc gtgacatcaa gttccccatt cgcctggaag     1380
gtttggctag tcgccatcac aacttcagtt cttatgaacc tgagttgttc cctgggtctca     1440
tctaccgtat gatgaagccc aagatcgctg ttttgatctt cgtcagtggc aagattgtat     1500
tgaccggcgc caaggtccgt gaagagatct accaggcgtt cgaactgatc taccctgtgc     1560
tttctgattt ccgcaaagtc taagaagact aatgtcgtg ctgccttgca taggggtcac     1620
cctttaagcc cttcggtttt tcgcacccat gtatttaacat ttgctctttt tctgtgtgtc     1680
tcttttcttg ctccgcgaga ttgtatcatg aaccaggcag gacgtttcac gttggcttgg     1740
tcgttgccct tgaactcgca tatcagcatt cctatgctag catttctacg gcgttctagc     1800
gattcggtct gtttctggtc gtctgtttca acaaaactaaa gtcttttaca attagaagtc     1860
gcacacggca gattcaaggg qgcggtactg tgcgctggtc gatggttgct cctcttaat     1920
tacttgtttt gcgttctttg cctatcggtt gctaaccctt tcatcttgac cctgtctgca     1980
tggaagtggg tctttgagcc ctatttgttt tcacgactct tgcagaagat gacggatcag     2040
ataggaagaa aattactgca atattcctct agacctttga acgaaagtgg acgaatgcac     2100
tggtcgggtg gtgaatcagg caatgaacct gtttttttgt gc      2142

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<210> 6081
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> n = A,T,C or G

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<400> 6081
gcaaggtqaa agaggccgtg aagctcttcg aggccagctg tcagaccaat cagagcacct      60

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tggaggggtct	ggaaaaagtct	atgaccacta	tccctggacca	ggagctgggc	agcatccagg	120
acctcgacaa	agagatcaaa	aagcaccaag	atgatattgc	tagctaccag	gccatcattg	180
atcatgatcg	gtatgagcaa	gagatgaccc	ccgcctacgt	ctggatcccc	atcgcgggca	240
ccattgcccgg	gccccgtggtc	ttcgctcaga	tgcaggccga	aattgataag	tacgagggca	300
agatcgaggc	aatgaacaag	ctcatcaagg	acgaagaggc	cagcaaacaa	ctacacaaga	360
cgcttcaggc	caacgtccacc	tccatgaaga	gtcatgccac	tgatctcagc	aatctgatcg	420
gccccgccat	gcacaccgtc	gaggccctgg	aaggcggtcg	gaacgtcatg	ggctctcagg	480
tccagttcat	ccacgacaag	gctgaaaagt	tgcaggaaaa	gattccccgg	ttgtccatga	540
cgaagcgcca	gctcaagagc	atctcgaatg	aatgggtaca	gctgaacana	tacgtcatgt	600
cctatatcca	gaacgcccag	ctgggtgggtcc	cagtccaagt	cctaagcctt	gaagattatc	660
tggcacagnn	tgaagga					677

<210> 6082

<211> 932

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(932)

<223> n = A,T,C or G

<400> 6082

tgtacatct	actactacta	ctatatggga	atataaacagt	agtataccac	tagtagtgcg	60
gtgatggctt	cgtataatcc	atcttcccca	caagagtcgc	acggatcccta	ttccctgggg	120
tcttaccggt	tgctgggtgcc	tttgtcggtg	ttattgggtg	tggtgggtcg	gatctactac	180
accatccatg	cccccgccga	tgtcaaacat	ggccatggca	tcttcaacca	ggccaaccac	240
catataacgc	cttttagtca	gagcacaacg	gttactggga	tttactggat	ccttctctct	300
ctctcccaac	tcagctatgg	cttactggag	acaccgtgcg	ctgcccccg	tggtacacct	360
atctgcaatc	gcggggccct	ttgctgggac	gttgatggcg	ctgttctgga	acgggtgcgt	420
tgccgtgcac	agtagctcgc	tgccggcgcg	gatcgctgcc	aatatcttca	tctgggtgat	480
cttctctcat	gggactaccc	atattaccgt	gagacaggac	gatctattag	gctactgcct	540
gagtttcttg	tttctcggtg	tggcactgaa	gcaaattgcc	gtcaaaacga	tcgccttgca	600
gtggattttt	gcctttgtaa	tcttcgcggt	cttctcgcca	gagtcactct	acatcactgg	660
cactaaatat	accggtcgcg	atgttttgct	ccgcagactc	acccaccccc	aaacggcgga	720
tggggagcga	gaaccgctgc	tcaacgagca	gtcaggagcg	gcggcctgag	gggtgggtcgc	780
ccaccaagcc	cttaacggag	taggtacacg	acggtgcctg	caggagtcac	ttacatctgt	840
accccaaat	gaactgggta	gtttttctgt	ccgntctaaa	ccgggtggat	gcaacttgga	900
ttttgacgat	gcaccggagc	ctggagaccc	cc			932

<210> 6083

<211> 995

<212> DNA

<213> *Aspergillus oryzae*

<400> 6083

ggtaccatct	aaacgatcac	tgggacctca	gtttcctgga	cctatgctgt	tttccccggg	60
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tgaagaaaat	gtaccagttc	aagtatctgc	ccgacatcga	cggaacttg	ttcagtgggc	180
gctatcgccg	gttcttqttg	tcaactctct	tgcctatcaa	ggcgactgta	tataaadaat	240
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atatctatgg	cattattcag	aattttatgg	ggcttaaggga	acggattgga	catcagggac	360
cggggggacaa	tatcgctctg	aattggacaga	tctggggaca	ataggcgcac	acacaggagg	420
atatgcagct	ttatgtgtat	cgtttgtctc	tggagtatgc	ccggttgggt	gatgacagga	480
gaatagagtt	ggcgtttgtg	ggtgatttat	tatgaacaga	tcattgatgga	aagttcactt	540
tgtaaaataa	agaaatataa	tgaagaaaar	tgttagaag	accaaaccac	cataaccatt	600
gotagaaaac	tcagaagaaa	aaaggaaaag	gcagaaaaca	cgaaaaaaaa	agcccgcgaa	660
ccccccctag	tctatgagat	gtcagtgaag	tcttggtgac	cgccatgtca	ctgtcagcaa	720
attctcaccg	ttcatcacca	ggtcatcctt	cagcacatcc	tctctgacct	cttgcctggc	780
ctgtggctgg	ggctcgggct	gggggtgggg	ccggagctgg	gtgttttggt	gaagatggat	840

ctgttttcga	tatccaaatt	atccacaata	tattcaatgc	cgaagactac	taatataatc	900
taattttatat	tattcaaaatt	atcactataa	aaaaaatcct	gtggcctttt	aacctgcatt	960
taaagggccc	aatttcccct	aaagggagct	ctacg			995

<210> 6084
 <211> 1634
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1634)
 <223> n = A,T,C or G

<400> 6084	
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gatctgggccc	tgtggacgtg atctttattcc cccctttccga acaagacgta ctctctgggtt 180
tcccctcgto	tctggcggag ccaatacatt acgcattttc tagaattgcg accatcataa 240
aatcatcatg	tcttgtgata tggagaagac catgtcatcg gtggattcgt tgcccgccac 300
cccggcatca	gaggtgccgg tgcctgacggt ctacccggcc gacacatcgt tgaatagtgc 360
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agaagatgag	aaggagcagc gtgcgattga acgcgtncct tcgaatcgtg cggcagctca 540
gacgtccngg	gagcgcanaa ggccctgnnaa tgagaagcct gagaatgaaa aaatcagatg 600
gaaccacaga	tcaantnctn ctttcagcgg tgtctcagat ggaagcagag aacaatcgct 660
ttagccaaca	gcttgctcaa ctggctgcag aggtccgcgg atctcgtgcc aacactccaa 720
tgcctggcto	tccagcgaca gcatctccca ccccttacacc taccttgctc aaacaagagc 780
gtgatgaact	tcctctcgaa cgcactccct tccctactcc ctctctgagt gattactccc 840
ctaccttgaa	gccttccact ctggctgagt cctccgacgt ggcacaacat cctgcaacgg 900
tttgtgtga	ctgcagtggt ccgtcgctgg actcgaagga gatggaagcg cccctccact 960
tttcgacctc	ggctcagacc ttaaaccatca ctctacagat gacgttgcag ctctctcttc 1020
tgacgatgac	ttcaaccgct tattccacgg tgattcatcc gttgaaccag attcttctgt 1080
ctttgaagac	gggcttgccct ttgatgttct cgaaggagga gatctatcag catttccatt 1140
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cgggcttccg	gatgagacta cttgcaagac ttctagcgtg caaccgggct ttggcgcgctc 1260
cactacgcga	tgcgacgggc agggcattgc agctggctgt tagcgaaaaa ttctctcagg 1320
gaagcatgto	ggtcaccgat acccagagga gtccggtggag ctgggagtcg ctgctaacct 1380
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tgagaacatc	gcagattgat cggcgcaata atctcgggaa gcgtcagagg agtatccgga 1500
gtacatggag	ttcaaataat accgagacgt tgacgtctcc gcttacgggc aaggattgct 1560
gagggcgttt	tttgtacaat aatcttgaat gatctcaaat aaagagaccg ctaacgactg 1620
agcgggttca	gtct 1634

<210> 6085
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 6085	
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tcagttcttc	atttcaactgc tctcagctcg gctttgactc ttccgttaaa ccgtcgctcc 120
ccctgcgaag	aggaaacgto ccacaatgct cccctccttg caactctagg cggcagcgtc 180
ttcgacgttg	acgtgactat tggggctgac aaccagacct ttaagctgct cgtcgacaca 240
gggagcagtg	atacatatat tatgcaggac ggctttactt gtattaacgc cactgataat 300

cagatcatcg	ccccagaaga	ctgcaagtat	ggccagaaaa	cataccatgt	ctcgtcaagc	360
tacgagcaag	ttcccgacca	aaactttgga	atcgaatacc	gtgccggctt	taccagtggg	420
gtcatggcta	cgagactatc	actatagcgg	atgttaccgg	gcgtacaaa	cttgcatctg	480
ccgaccgctc	tcacccgatg	ggcgacnggg	tgaacaaccg	actcctcggt	ctaggtacc	540
ccaacttgac	ctcgggctat	cggggcactt	tacccccaat	gacacctact	tctataaccg	600
ggcgtgtac	aaaccccgtc	gttaaacaaa	tgttcacagc	cgggcttgat	ataagaaccg	660
tacctct						667

<210> 6086

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 6086

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gagtaactta	atatcccta	ctcagcccag	attattcacc	tatccgaggt	caaaaagatc	180
tcccacacag	gcctgggtccc	gttgctggaa	tgtcgtcac	ttggcccaaa	catccgcctc	240
aatgactcgc	tagccatctg	cgaattcctg	gccgagtcga	atccagaact	caatctctgg	300
ccgcgcgacc	gacagctccg	agcgtctggc	cgcagcgcag	cagcggagat	gcactcgggg	360
ttctcaacac	tgagaaataa	ctacggtacg	aacttcattg	cccgggtatac	ggggaatgtg	420
cccgtgtccg	agcaggcgaa	gaaggagggtc	gagcggcttc	tctttatctg	ggataatgcg	480
aggcggacga	ccaaggctcg	tttggttgaa	ttgaacgaga	gggacgaggg	gttcctgttt	540
ggttcgttta	gtatcgcgga	tgccttcttt	tggcctgttc	tttggcgctt	ccgtacctta	600
cacctgcctc	tngatacggc	cagccccgat	gcattggcct	ggatggagaa	nnatgtggaa	660
caccccacta	tgcagagact	ggcgcacac	tact			694

<210> 6087

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 6087

ccgtccgtct	caagaagggc	gccaacctat	tgattcccaa	ggctctccag	tttgatcgcc	60
ttgttgacag	ccaagtgcga	actggctggg	acgctaagcg	atatggtatt	cccacgaca	120
tcategagca	ggttgaccca	gtgacctgt	ttgttcttgt	ctgtactgct	gaagcgatgc	180
tctgggccc	tatcactgat	ccttacgagt	tctacaagta	tgtccactta	tccgaggtgg	240
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ggtacctaga	caagccactt	cagaaggata	tcttgcaaga	gtctttcatc	aacactatga	360
gtgcgtgggt	caacatgtta	ttactctcct	ctactggacc	tatcaagaca	cctgttggtg	420
cttggtgcaac	ggctgtggag	tctgttgaca	tccgggtacga	gactattgtc	gaaggaaagg	480
ccgcgctctg	ttttgttggt	ggctttgatg	acttcagga	agagggctca	tatgagttcg	540
ccaacatgaa	ggctactagt	aatgccgagg	acgagttcgc	ccacgggcgt	acaccgcagg	600
ajagtgtcgc	tcccaccacg	actacacgtg	ctggcttcat	ggaatcg		647

<210> 6088

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

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<400> 6088
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gagaggattg accactgggg ccattccgc cgcgcgcta tcgattctgc cttaccctt      180
tctcgccac ctgattcttt gctctctttc ttcttccctt ctctgacaga acaacttttc      240
ccccccccc cgaatttttt ggcttttccc tctttgcttt tgagtgtgc atgtgcattt      300
ctggcctaca gtctttccag aacctctaaa tctgatcat ttgaaataat gggtcagact      360
ttgtcagaac cagtagtcca taagacttcg ttcganggag aagatgattg ctggatctac      420
agcgttttta ccattgccag ctggcgaatt aacatggggg atgcttatgc ttgccgtcta      480
taccttcccc cgaaatattc caattccgaa taaacattaa ccggtacctg ccaaacagcc      540
taactttctt ttgagtattc cattggacaa ccgcgggaac caaatcccc tgggttggtt      600
ggagaaaaag tgccccaata actgtcgcaa aacagggatt tttttgctaa agggcgacat      660
ttgacaaggc cctcgataaa tagggttttt aactacccaa cgg                                703

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<210> 6089

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (656)

<223> n = A,T,C or G

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<400> 6089
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aaacctcaat gggtcgtgcc ctttggtttc aaccttaat ggtctaaacc aacattggcc      180
aacccctaata tccaaaacat tgctgtaccc aagttaaagg ctaggattaa gttccggctt      240
gacaagcttg ttctgtctct taaggaacac caggttgaat ttcgcagccg gaaagaagag      300
aagaatttgg ccaaaaggaa aggtttttaa accggcaatg ttggaattgt ttggaaagg      360
cggattggcc cttgcaacca naaatgataa taaggccatt gccttaaaaa cagaccttaa      420
ttggaaaactt ccccaaattg taaaagggtg ttttttaaata taaatcgagt cgcaatttaa      480
gcccaaatta attccggaaa ttgtttttca agagagcaaa ccttcaattt gacctttttt      540
taaaattggg tctgaaaacc ttttcgggag ttctttcggg ttttcataac ccggggccaa      600
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<210> 6090

<211> 303

<212> DNA

<213> *Aspergillus oryzae*

<400> 6090

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cggaatgttt ctacaattcc tgggtcttccc aatcgctgcc aagcgatatg gtgtcctcaa      60
ttgcttgaag gccatgattc tcgtatttcc cgttatctac tttgtaaccc cgttcactgc      120
tttggtagcg gagtctctgc gtcacgtaac aatctttctt ctcatgctct ccaagcttgc      180
ggcgccatc tttggcttcc cttgcatcac gatcctgctg accaactcag ccactagcct      240
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<210> 6091

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<400> 6091

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ttggactcgc gctacttcag gggattagct ggtgaatacg gcttcgtcct caagttccgg      180
gtgcagaagg aaggccaaqa tgactacatg gtgcgcagcc aaagcagcca cttgatctgt      240

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cgatccgtaa	acgcagaagt	ggatctcgag	cctggccgct	accatgtact	gatgaaagtc	300
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atcaaacgag	aaaagctcgt	tcagatcggt	ctctcgta	atctagccca	cgccaaaggc	420
atggtagtcg	agacggagga	tgagaggcga	gtacgcgagg	aactataaca	tcatcgcaag	480
gcagcagaaa	gacagaaaca	gacgaggcc	accaggaaga	agttgcaaaa	agaatggatt	540
cggcagcaga	agatgaacgc	cgggaaacaa	aagatggctg	agaagatttt	tgcaaaaggc	600
caaaccaccg	ctgttataaa	caaagctatt	gagcagattt	ttacggaggg	ccaatccaag	660
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<210> 6092
 <211> 635
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

<400> 6092						
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ggccatctct	cgggaggcca	aatcgagga	gctgtgattg	gggcatagc	tggagttgct	180
cttttagcgg	cactagctgc	actggcgttg	atatgctgga	gacgaaagcg	aagggctcga	240
aatgacaatg	ttttgaacca	gccaaacccc	cagaggaagg	gcttctcgcc	aatgcaacct	300
acccccggcc	agcaaggett	cgcaccgatt	ccaggggggc	gagtagctag	gatgtctgcc	360
ctgcgtgagg	ccccaaagta	ttcacctgga	cgctctcgta	actccgctgc	ccttttcggt	420
gttggaanaa	atagcgaatc	ctctgattca	gattactacg	gcgccagccc	cggggctatg	480
tctaagaaga	tacccccaac	cgcagggaag	cgtactgcct	cactatctag	caattcggcc	540
ctggctgggt	cgggtagtga	cgggtcacct	cgctctggca	tangtggtca	gtactcatca	600
cccgatggga	tggccagtgg	ccagtcggag	caata			635

<210> 6093
 <211> 690
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(690)
 <223> n = A,T,C or G

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cgccaccgtg	cgcaagagcg	gatggatggg	cggggcgcca	aagccccga	gtgtggagat	180
gacagggcct	cgggtgctcc	ctgcggaggt	cttcgactct	tttgttcagg	atatgcagag	240
aaccggcttc	tgggcccgat	ctgcgtacta	ccttcaccat	gcgcggaacg	cgggaatacaa	300
tggaaagcgc	gaggggaagt	tggaccaacc	agtcctgttt	atccatgacg	ccagggatgt	360
gatattgfat	accataacgt	ctcgccctgg	cgagccgatg	agagagaact	gtagtaattt	420
gactgaggtt	acgatcgacg	cangacactt	tgcgcagtat	gaaaaagccg	gagaggtaca	480
cgcgcncatt	tttaggttca	ttgggggaaga	gctgtcgaat	gagtggtctt	gatttttggac	540
tggctgggtat	acttaaaaaa	agtcggttat	gtgagctgga	ttaccctggg	gaacttttggg	600
aatgtttacaa	ctggaatttt	ttgggacttt	ggccagttcc	caatatttat	ttagcttttc	660
gaaaaacttt	tgggtggggg	agtttttaatn				690

<210> 6094
 <211> 944
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(944)
 <223> n = A,T,C or G

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aaagtaacgg attacatata tactaccatt tcgcgcactt ctgtcgcatt cctccgcaca      180
cgcgattcaa gataaagcca gacacaacga ctcgagtgcca ttattccatt gcagtcgcaa      240
aatgcagttc agcaaggctc ttctcatcgt caccgccgtg cttgcgcctt tcgcgcttgc      300
agaggatgcy ccaaccaaga cctccaccat ccaggtcgtc cctgtgacga cctcaactcc      360
ggcaccgact tctacggcgt ctcccagctc ttctgctttc tcaatccaca ctcccttctag      420
ctccgctagg gcgctcttcca ctccgctctt gtcaaagaag ccttccgcga ctcccttctgt      480
gacacccctc tegtataacc tccccagggc tactggtggt gctcctgcca ttaggctctc      540
taattgcgata gctgcggggc ttgtcgtctc tgcctggctt atagtgtctt aaacgcttct      600
gcgagcagtc cagagcaatg cgcataagac acgatgggtc tgtctcagtc atcgagccga      660
tacgaactga gtagcaccat ctgaattgct tctgagaact tgcctggttg cgtgggctga      720
gcacagagag gagacaatgc caataaggag tcaacaaacc caatcaaaaa tcaactactt      780
ctttacggga gattgcattt tgtataccta cctcattact catgcgatta tcttgagcag      840
tttcagccaa gactatagcg gntttacatg atggtgttca tttgtggnga cgggttcgcca      900
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<210> 6095
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

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tgcttttgat acgacatttg agccaccgcc cgccaacgct catcgacgac cgaattctca      180
agatattctc gattctcccg gctacttgcc acagtgggtc ccatcttctg cagaccttct      240
cccggtgggaa gcgtacgaga attggacatc tccgaggcac tcattcgccg cgcccaacca      300
gtttgaggac gcgcccgtgc taccgccact caagcaagat ctagtacaga acacatcgaa      360
actttcttct aaaaccgcga catcgccctc gcaatctcat tgctctgcct cgagctcaac      420
catcgccctc ttatcgccgc cgccatcttc ccatctggtt tcgcccagtt ccacgcctca      480
cgaagggttca gcgcattcct catnccggcg ctccagcat aacagaattt gaaaacgcta      540
ccggggagaac ctcaataaga actttgctgc acttgagtcg tctctgcaag gctattacac      600
nonagggggt tgaagttgca ggccccgctt ctactgtcag agaaagcctg ctttctagaa      660
gaatgcagtt ctgaccgatg ccggccatta tatcg      695
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<210> 6096
 <211> 642
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(642)
 <223> n = A,T,C or G

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<400> 6096
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tgtggactac	tctggagagg	atgagacgct	ttatgatgac	ctaaacctag	atgggtgagac	120
tgaggcacag	ttcggcatga	cgggtgataa	cgaccgggta	tcacgcgagg	atacacagtc	180
cgcccaggag	gaagacctgg	acttgagacc	gaaacccatt	aagagtgaat	ccacggcgcc	240
tcgaagaccc	tcagcgcaga	tgaaatcgcc	gctcccagtg	cttgcgacgc	tacatccgtc	300
aacgtccacc	agtggcacat	ctgggatgaa	gcccgcacca	ccgcccaccc	gtctacctgg	360
ggagaccctc	aaatatgcct	ccgcggcgcc	cgccgcggca	gccagcgata	agaacggtgt	420
tggcattgct	ccccccctc	caccgcgggg	cgcaagtcct	gctttcccag	ctgccagttt	480
ggcctcgaga	ccttcacaga	ctgcttcccc	tagcattgcc	tcggtgcaac	ctgtatctaa	540
accgaccgca	acgacaagta	ttgcttcnga	ggagcggtcc	aagacacccg	cgctcagccc	600
caatgtcacc	gccgcgagtg	cgtcgaatac	ggtacagtcg	ac		642

<210> 6097

<211> 1160

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(1160)

<223> n = A,T,C or G

<400> 6097

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ttcccctatg	ccaccattga	ccccgaagag	gcgcgtgtca	tcgttcccga	tgatcgtttc	180
gactgggtgt	gcgagcatta	caagcccaag	tcgctggttc	ctgccaaactt	gacggtctat	240
gatatcgccg	gtctgactcg	tggtgcctct	accggtgctg	gtctcggtaa	cgctttcttg	300
teccacatcc	gtgccgtcga	tgttatcttc	caagttgtgc	gctgcttcga	tgatgctgag	360
attattcaag	togaggggtga	cgtcgacccc	gctcgtgata	tgacatcat	cagcgaggaa	420
ctccgtgtca	aggatattga	gtttgttgag	aaagctctgg	agggcttgac	gaagcagacg	480
aagcgcgggtg	gtcagtcact	tgagatgaag	aagctgcgcg	aggaggaagc	tactgttgcc	540
aaggctctcg	agcacctgaa	gtccggcaag	gatgtccgca	aggccgattg	gggccccaaa	600
gaggttgagg	tcatacaacc	cctccagctc	ctcactgcta	agcctgttgt	ctacctagtc	660
aaccttagca	agaaagacta	catccgccag	agaataaagc	gccttcccga	tgttctggaa	720
tgggtgaaga	aaaactctcc	tggtgaccct	ataattccct	tctcggcctg	tttcgaggag	780
cgccttacc	ggttcgagac	tgaaaaggag	gccatcgagg	agtgaagaa	cctgaacacc	840
aagtctgect	tgcccaaggt	gatcaccacc	atgcgtacat	ctctgaacct	ggccagtttc	900
ttcaccactg	gtgcogatga	agtcgcgcag	tggaccatcc	gcaagggtat	caaggctcct	960
ctcgtgcgcg	gtgtcattca	caccgacttt	gagaagactt	ttatccaggc	cattgtttac	1020
aactatagca	ctttgcgtga	atacggcgat	gaagccgcgc	taaggccggc	ggtnaagtca	1080
tgaccaaggg	taaagactac	gtcgggttgag	gacagtgata	tcctcctgac	aaaagccggt	1140
gcgcgcgcgtg	gtataatcag					1160

<210> 6098

<211> 1052

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 6098

caactttcat	tgtcccgqaa	attgatcatt	tgcagtcaag	qcgcaattgt	ttcaacctct	60
gttcccgaa	gataacgctt	gtctccaggt	tttatcttcc	aaattgtcat	catggctctg	120
ctgagctacc	tgtcgtgag	ctgccttagc	gtcgtgagcg	ctgcttccgc	agtcgtcgat	180
ctagtcccca	agaacttcga	caatgtcgtg	ctcaagtcgc	gcaagccgcg	cctcgttgaa	240
ttcttcgccc	cctgggtgcg	tcactgcaag	aacctggcgc	ctgtgtacga	ggagcttgga	300
caagttttcg	ctcacgccga	agacaaagtt	accatcgcca	aggttgatgc	tgacgagcac	360

cgcgatctcg	gcaagaagtt	cgglalccag	ggattcccta	ctttgaaatg	gttcgatggc	420
aagagtgaca	agcctgtgga	ctacaatggc	ggtcgtgac	tggagagtct	gtctagcttc	480
gtgtcggaaa	agacgggcat	caagcctcgt	ggccccaaag	aggagcccag	cgaggttgag	540
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aaggacttcg	tcctcgagcc	caacgttggtg	atcgccaagg	ttgatgctga	agctgagaac	720
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ttcgtgaacg	agaaggctgg	cactcaccgc	gccgtcggag	gcggtctcga	tgacagagct	900
ggcaccattg	cctccctcga	cgagctgggtc	gccaagtaca	cctcctccca	gaacgttgag	960
gagctcctcg	gtgagggtgaa	gaatgtgcca	agggcctgca	ngacaagtac	gcccagttact	1020
atggtaaagg	tgcccaaaaag	ctcaccagaa	ca			1052

<210> 6099

<211> 1251

<212> DNA

<213> *Aspergillus oryzae*

<400> 6099

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ctcaactcag	cctgtgtggt	ctcctcttcc	aggcctcctc	cattcaggcc	aagacgtaca	120
agaagaatgt	cccgacattc	gaagttggcc	ctgatgtggt	catcacccag	aacaagattg	180
agtacgatga	tcccgaactg	gatcccggtt	ttacatgcag	aacaagcaag	acctgtgccg	240
cgccgggtac	cgttccacc	ctcaccggcg	acaagaagta	cttttcttgc	tgcttgaagg	300
gactgaacct	tcttggtagc	cctgagacag	cattcgactg	ctgtgccgaa	ggccatgacc	360
ttgctggctc	tggagaagtt	ggctataggt	gctgcccaac	tggacagatc	tatgacggcc	420
tgatctgcaa	gccggtatgc	gcgaatggca	aagtctctgt	cgacggcaag	tgtgtctgcc	480
cgaaagacac	agtcgaaggt	ctggacgggg	cctgccatga	acaaatctgc	acttcggggt	540
taacatctgg	taaatgctac	accttcaccg	cacccaatgg	caacacccta	ggctccggcg	600
ccgacggaat	ctactacgcc	aaaccgcagc	acatgaactt	ccactatggt	aaattccagc	660
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gggtgtgac	agctacgtac	tccacagggt	acttgcgtct	tactgggtga	gcaaatgggg	1140
gacacagttt	ggagatttaa	tcggggtctt	gatagtcaag	gtgatagtag	tagtttagctg	1200
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<210> 6100

<211> 1181

<212> DNA

<213> *Aspergillus oryzae*

<400> 6100

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ctatcaataa	tttgtctgca	actgatttga	cagaggagca	accaaattct	gaaggctcca	240
cggtatgttcc	acatgatgat	caccaagccc	acgatatcca	tgaagaacaa	tcgcacccgg	300
acaacgccaa	cgacgaaagc	tatcccggag	agggagaaat	cacgatcaat	tccaatcata	360
acgatggtag	tgaggagtgt	gagggcgatg	cttccgatta	tgggcattgat	gaaccatcata	420
ctactgagtc	aatcacagaa	gagcttccag	qqaatctct	gaaagaaatg	atgaagacag	480
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caggggtgata	agagtgatgt	tttgccataa	ttggataaca	ctggctcaga	tctgtcaggga	600
aacaatgttc	aaccgagttc	tgacctgggtc	gatgactcat	taggaatagc	aggggacatc	660
ctggacagct	ctattcgagg	ctcgccgatt	gcagacaatg	atctcgaggg	tacagacctc	720
cctgaggaat	ctgatgatgt	cactgaacat	atcgctccaa	atcataccaa	ccagggaagcc	780

gaagagttac	cctttgagga	cgacgaagac	tatctggatc	tggggatcgc	agaagatctt	840
ggtgttgccg	aggcacttgg	cacacaatca	cccggcccag	catctactaa	acgacaccgc	900
gagccggaag	atgagtttga	gctggccgag	agtcctactc	cggacgctaa	acgttccaga	960
tcatcatgat	ctccagttag	aatagtttct	tactttcccc	taatccagac	ctctactctg	1020
ggctatatgg	gctgttagat	ttgtctaacc	agccactgca	cctttcgggt	catactgggt	1080
acagtattgt	ttccgtcggg	taccactttt	aagtatgaca	tttctactaa	cgaaaccttc	1140
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<210> 6101

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6101

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caactaccaa	cacttgggtc	tccacctaca	caccgcaacc	gaagacctca	tcttcgaagt	180
cgacggtgaa	cacccacact	tccgaaagat	ggaatccgcg	ggcaagccct	ctgattccga	240
ctccctgate	atgtccctgc	tggtcagcga	aattggagat	gttgatgtac	ccaccgtcaa	300
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gcattggtaa	caagaacatt	aactggggac	atcccttgct	ttcgggtgcg	ctaaggggaa	660
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<210> 6102

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 6102

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ttatcccaat	gcaagaaaga	tttgaacacc	gtccaacaat	gcacgatgcg	gtcatataaa	180
gagaaacaag	gaaaagtgtc	gagcttaaag	aaagacaata	aggaatctcc	accgatcatg	240
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atgatgggag	ctctctctct	cgtcgtcgcc	gtcgcggttg	tactctcggt	cgggttgagg	420
atctcgatcc	cggtctcgat	ctctatcagc	cgggttctct	ccgccggccc	agcgccatcc	480
ttcttccggg	ctgctctgga	ggggcgggcg	gggagggggg	ggaggtgggt	gtccaccaag	540
tgaggatggt	ggcgaagggc	gcccttcatg	ttcttgactc	tgggcgtctg	atgcattctc	600
cggatcccg	cgacgaagat	tttctgctcg	tgatccagcc	cctcggcggt	atgcttcgcg	660
ggactcgtac	cgttcttccc	tadtgt				686

<210> 6103

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

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gccaggaccg tgaaggcccg cctcgccac cacatgtgct gaatgattca tcagctacag 360
ccaagagtat gccagtttcg gcggacagt accggagtat tcacgcaacg tcgtgttcgc 420
taccacctaa atctcccaa cgcctctcga tggcaatcat ggacaccaag ggcccacatc 480
cagtgcctct tgcgcctttg aaaccagtg ggtccctgca ggatccccct acttcttccc 540
cagtcacatc gaggcgcttt ccttccata gccatgcaca taagcgaagt ggtagcttct 600
cagattctgc gcgggacggc agagcgctt tatctttgct caagctcgac tcccaaggga 660
acctctcagc cccggatac 679

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<210> 6104

<211> 620

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6104
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atgtatggat acaaccacgt tctctcata aaggacactg aaatagttgc cgggtgccttc 120
gagaacgtca atgatattga actcctgtcc ccagcctttt tgacgccccaa tgtccggctt 180
cctggcttcc ctaacggcac tcaaggcccg tcttctcaag atgacatgga ggcattcctc 240
gagcaactgg ccgaacgcaa cgattacatg acctatcgca ccgctaactt cactcggaa 300
gagggcgcgt ctttccccct cgcaccctc tccgctggtc actcgtctc taaagtgcgc 360
gtgtggatcc aaggcgccgt tcatggtaac gaaccgcgtg gcgacgaggc cacacaggcc 420
ctcctgggca agttcgacgg cgaccaggag tgggctgctt ccattcttga caagctagag 480
ctggctgttc tgcgaggtta taatcccgat ggcgttttct actttcagcg cactctagcg 540
acaactatga cctaaccgc gaccatatca agcttgctcg ccagcagacg cgtgatataa 600
aacagctcat gaacgaattt 620

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<210> 6105

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6105
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aaaaaacgca ctaaacagat accgacgcct ctaccacctg tcagctcttt caccatcact 180
actacagtta gtggcacatc tcttttaatt accgaaggta ttacgaagac atacagtcca 240
gtgtcatcct atggcgccag ttatttaacg ttagagtcaa tcgcatcaag cttgtctagc 300
aattttctga gttcgagctc cacagaggct gtcctaagc atacctccg tacaggaggg 360
gtcccaacgg cgactacct aacggtatcg ggagggtatc ttcccaaaaa taactcggat 420
catggagatt cacttgctgc tccagaccat ggctcacagg cctctctccg gactttactt 480
ggtaacgtac tgggtgcgat gggcttctat tgaggcgtaa tcccggtatc gcttactgtt 540
attcagacgc atggggagga gatcgggcgg ggtccaatgc tttggaggaa accagaagct 600
tctaaagggt gatcggtaat ctgcggattc ctggactggg ttacaaacag gaaatgtttc 660
tggg 664

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<210> 6106

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6106
cctctttctt cggtaacttc ggtaagaaga aggggtgactc cgacaacgaa gctgagggcg 60
agtataagcc caagggaac aagcttqgtg gtcttttccg caagcccagc aaggccgtga 120

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agtctgagcc	caaggagccc	gccgcgcgaga	ctgaggctaa	ggccgagggg	gctcccaagg	180
aggccactgt	tcccagatcc	gctgaagagt	ccaagcccgc	cgagcctgct	gccaccactg	240
aggaggctaa	gcccgtcaac	gtctcttcca	cctctgctcc	cgtccaggcc	gccgcatgaa	300
gtggttcttc	aagccgcgtc	attgagtatg	aaaactgggtg	ggatcaatat	ggagtacacg	360
cttagtggtc	ctccctccca	gtgatgagtg	cccatgggcg	cataattttc	ttaaaaaaaaa	420
aagaaagaaa	gaatcgttag	taattgctta	ttgatattat	tttgtgttga	ttccagtgtc	480
actgctttgg	tgccttgctt	cgcagcgagg	atcttgccaa	attgagtgtc	aatgataccc	540
tctgctgctt	tggcggtcac	tttcgactct	gatgttcttt	tgcgctctgg	gtcggattta	600
tttcctttat	gatatccgtt	cccgaagga	tcccctattt	gggccttggt	gccgtttggt	660
ggcgccgccc	aaactaaatg	aacg				684

<210> 6107

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 6107

ctcacattgc	ctgattttatc	tcaatatttta	tctgaccacg	cattcgcaac	ctgtcacctc	60
ccactcacca	tgctctcgca	atcctggaaa	ccagtcagac	ctgatggagc	gttctgggaa	120
tctcttgacc	ctgtcatcag	cagcactgtg	gccgagtgcc	tctccccgc	cgtgctcgat	180
gacataaata	accattccac	cctttccaac	ccggccaagt	tcgagctcct	cgagcaggcc	240
ttgacgagaa	agcttctatc	tcttgaagag	agcgcgaacc	cctcctctct	ccatgacacg	300
gactatecca	cttggaacag	cctcaacttc	gcccttttcc	acgtcctccg	cggcgccggc	360
gatgctgcaa	ggcagaaaag	aacctctctc	aagctagtca	acaacctggg	cccaagcgga	420
caggatgtag	cagcgttgca	gaacttggct	acattatacg	aggaaacagg	cgagcatgca	480
caggcagaga	agctcgctaa	ggagacottg	ccattgcttc	ggcaacatcc	agccctggga	540
caggatagtc	cccagtcctc	ggggtcgctg	cgtatcctga	tcaaggctct	ntggaaacag	600
ggcaaggaga	aaggaggcgg	acaggtgata	caagaggcca	gcgctagtat	tgatagattg	660
gcggnaga						668

<210> 6108

<211> 729

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 6108

ggaggaagag	cgcatectcc	acataacatg	caatcccccac	agctactagc	attgtatcac	60
cgcagecgcc	atctaccagc	atgtcatagt	atctccgaag	gtcaacagat	ccattttcaaa	120
atcacctggt	ctgttccggg	ggcgatccgt	gcgcacacag	acccgttccg	tttcagctct	180
ttcttgaata	agcgattccg	cttccggttg	cgcgttccgc	tctttttctt	ttttactctc	240
ttccttttagg	ccgagcctcg	agaaaacaact	cggcgttcgc	tggtcggttcg	tgcacgggga	300
tatgggatac	ctgggtctcat	gatcgcagct	ggtggggatt	cttctccgaag	cgagcgggtg	360
tcattgctga	gaaagatgat	cactgggttcg	gtctgggtca	ttgttctggg	gcgtggagat	420
gtgggatgac	gtcaggagcg	ttgggttagat	tggttttagt	aaggatttgg	ggggtttggc	480
agggctcttt	tttttttttt	ttgtatcgaq	tagggtttgta	ggtttggtag	tqttagtggg	540
gggttggtgt	agtttctttg	tgggtgggtt	ttctggggag	gcataaatatg	aggataaqtta	600
tggttggttg	ttagtatagg	gaagtgattg	tttgtatgta	gtttcctcgg	tggttttgta	660
tatgtgtgca	attgaacgcc	cgttcttgggt	tgaacaaaca	naataaagag	gtagagactt	720
tcttgcaag						729

<210> 6109
 <211> 665
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 6109
 ggtgtgaagc atctcgtatt cagctccggc cctccttgca cagagatgac gaatggccga 60
 gtgcgaatga aagcaatgga cagtaaggcc acttcgtcgc agaattcctg accggagggg 120
 tacgactaac tccaggacag tgaagaacaa gattgagcag tacgcaaggc cccttggggtc 180
 cttcgagacc ttcaactcca ttggcgccgg atgggttcta gagaacttcc ttggcaagga 240
 gctcgtctct gttttcggag gatttcccta ttttcctgac gaccaaggat accttacttt 300
 cagagtcccg tattggggag gggacgagca cgttccatgg ttgagcatct cagacgactt 360
 cggagatata gtgcaaggta ttttcctgga tcttggtcga tggaaacggc acttcgttca 420
 cgggtgtcagc gacatccgca gttttgaaca agttgtcgcg gatttcgccg cggttacagg 480
 aaacaaagcg cgttttcagc ccatattacc gacgtgggag gcctttgata cgcattggaat 540
 ccaggagcta gaggacgtga aactcatgtt tggcttcacc cagctgacaa gcgggcgatt 600
 cttnccaccg gaagacacgg aggtcgatac cggcagacag ttaagcaaa ttacggggat 660
 tgaag 665

<210> 6110
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 6110
 cagagtttta tcgcttggtg tatgacccaa gtattctttc atgaaatgat gctttggcaa 60
 gcggaaaaag gtggttttat gcgctatact ccgagcacat tgcaaagcgc gagtgcgaga 120
 gcagatcaac agggaccaag taacattccc atgaggcagc ctacttatcc agactctggt 180
 aagaatggat ccttcacggc tccaaacaca caaaatactg ttgactcaag atctggatta 240
 gatacgcttg cctcggtaga gagtatccac ccggtcgcg cctctttgga acgttcacag 300
 gtggacgcag aaccacaatc taacaacgct cctaataaaa agccagcaga catttccgaa 360
 aatattgcta gctttcatgc ctcaaacaat gatgatagcg cgattgacct tgacgatgat 420
 tcaatgctaa tgaccgtggg caaatacggc qatatgatgg cctctgatcc ancaaatgct 480
 gaaggcgatn gtgtcgatc ataatctgac tatacatatt cacttgattt cgtcaaagtt 540
 ttggaaaaaa aaaaaacaac caaagttttc gtttggttat tgggtggagt tttaatcctc 600
 attttaagag tcttggtttt ggttggtgat tatttacgtt catgtacaaa gaagtttcgg 660
 cgttcca 667

<210> 6111
 <211> 680
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(680)
 <223> n = A,T,C or G

<400> 6111
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acctcacaat	cccagaaagg	aagagaaaag	aaaaaccaac	accaaagaaa	tcaaaatgcc	120
caaacgcaaa	ctctccgacg	tggaactccg	tcccaagcgc	acatacaacg	tgcaaaccat	180
gcgcctgacg	caaaagttcg	agcagggcgt	cgctctccta	tcgcgtgcgc	tgaaggtcgc	240
caaaggcttc	gagagacaga	agttatcgag	gagagaaaaa	accgccaagt	cgcaggggag	300
ctctgaggcg	ttgcagaaaa	tcgcggagga	gattgctttt	atcaagagtc	ttgatccaac	360
cgctacggcg	caaaaatatc	ttttcaaaca	gctgttttaag	acgaaacgaa	tttccgaggc	420
gccagctttt	atccaattta	aaaagtcgaa	gaacatttct	acagaggggc	cgcagagtac	480
ggccgaggcg	aacgttactg	cgcgattgta	caagtctaata	ccagtgaaga	atgcgtttnc	540
gaaatatatg	accgatatta	aaaagctact	gggggtggag	gaaagtgctg	gtggcannaa	600
agattaaagc	anggaggctg	gntcaaaaaga	aagtgcgact	aaaacgaaga	ctgaacagcg	660
gggctgtatc	gtgtcggatt					680

<210> 6112

<211> 572

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 6112

ccataaccacc	tctgatatcc	ctacccgaga	cttgagagaa	cgctaacact	gacgcacccat	60
cctgcaaaca	ttgccgccac	ttcttctctc	aacgcacagc	atcctccgac	tcctacgctg	120
gctagaccaa	ttacgcctca	gcaccccaat	tcgttcaaca	aggctggcac	aaatgctact	180
accagtgtct	cacagcagcc	aacgtctgcg	cctgcacccc	aaccgctggg	acaaccaccg	240
accccgccac	caccggatca	aagtcaacag	ccatttaata	acctgagtat	cccagatgcc	300
tccgccttca	atcttgattt	cagcgtctct	gaaaacccgg	atatcttggg	gaattttgac	360
tttgacacgt	ttctcaatac	ggacgcggat	accgcggggt	ttgggttcga	tcggaacata	420
tcatacccg	cagatggggg	tgagacgggt	gccggaaaat	gcttgtaaag	gagtctaacg	480
gatatttctg	tcttatctct	catataccct	nccttgctct	tgacattcct	atattttggct	540
tgnctatctc	cgtttttgtc	cattccccta	tt			572

<210> 6113

<211> 590

<212> DNA

<213> *Aspergillus oryzae*

<400> 6113

cgatatacga	cttgattgta	agctgtcata	gaccttttgc	cagccctttt	aaccctctgt	60
acacgggtcag	gattcatgaa	tcgataccgg	aatgccccca	gccttagagg	ccctactaag	120
gggactgcca	qtacactctg	tcagaaaatgc	ttaaaacgag	ggcactatag	ctatgaatgc	180
acaattacgg	cccaggaaaag	gcggtaccaa	tatcgtctct	cgcgcacaca	gcaactacag	240
aacccgaaat	tgcgcccgca	gctttcaaca	gaaactccga	atgatctatt	gcgctcgcaa	300
ggcgctcgcc	atgatcttct	ggcaaaaacg	gaagaagagc	ggggccgcaa	aagagacata	360
gatgaatcag	atccccctga	taatcaaggc	cagacatcaa	agcgggctcg	gtcagcgtct	420
tcgcattctg	tcagctctgt	gtctacgata	tctacaagcc	gatcccatte	gcagtcacca	480
cctcgctgta	gggaattcaa	tacgagaaat	gagcctcacc	ggacgaagtc	gacgtcttct	540
gacatgaaa	agctgagaaa	gagacgggtat	agcgactcat	cttctagcct		590

<210> 6114

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(663)

<223> n = A,T,C or G

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<400> 6114
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tttaccgcga gaagcacagc acatacgagg acgtagtcac cgaacaggag tttcctgggtg 120
gacatttggc cttcttggac atgctgatca ccagtaagca aatccgctcg ggtcaggatc 180
acgcccggaa tcaacatcta gccgggggtt atgacagctt tgccccgcgg taccatgctg 240
ctcgagccaa caccgggctg agtcgcatgc aggaagacat gagccgagac tacgatttct 300
ctggaacagt cctcgacctc gcgtgtggca acggggagtt tggtgccact ctgcacgaga 360
atggcgctct cgccaaagtc accggcatag acgtctctga ggggatgacc cgatcgctac 420
acattcagga tcaactacgag aggcgcgtgt tgatcggggc aatggacgaa cttattatgg 480
gcatgcctga attcgatcat gtggtttgtt tcgcggcatt tcagttcctg gatcctgtgc 540
acttgaccgc gtgttttagct cgcattgttc tggttgccag tcggtgacgg cgatccatga 600
ggatctcagt gacgcgtaca ttgaagatat gaagaagcgg aacggtgaac tgtgtannca 660
ttt 663

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<210> 6115

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(671)

<223> n = A,T,C or G

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<400> 6115
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gattcggttc caggatgacc ctctaccgcg caacatcgcc atgtttccct cggtcgaccc 120
gagccaggto ttctccaatg cgaacccatt cgccccgacg ttcgatgagc caccacgcgt 180
cacgcgctat tttgatcatg atcaccggga atacatggcc ccggatgaat gcgacgga 240
agagtcattc gcaacctcgc tcggggaact ctcaacggat cactcagtat cgtggcgctc 300
gaatgtgccc gagaggggtc ncgtacatcc agaaattcca ttccgctacc atgtcactct 360
tcatgcgccc acccgcatgt tcgaccatgc ccgcgatatt cccgtgaact attggacaaa 420
agttaaggct accccatacc ggcggtgatt ccgggccacg gggggggcca acccggcggt 480
taaaaccgga acccaattgg aattcggttg aagaaattac ccccgagcca acccgggcct 540
tttgttggaa tttggggaca accgcggggg ggggatggac cccaccaacc ggcattaccc 600
ccttgggggg gaatgggggg gctataagga agggggcggg aaaaccctgt accaaggggt 660
attggggagg t 671

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<210> 6116

<211> 725

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6116
agacctactg gctgatccg actatggcgc gacgggtaca tacatcgaaa agagaacgat 60
aagttctgat aatcaatccc gataagaaga tctggcgcta gtccggacta gtcgagagtc 120
taaatcaaat agcttgccga agtcaaacc tccaactcca acctcttttg tacttcacca 180
cacaccaccc ttctactgac gctgggtgcg cgatgggtga tgaccagtca ttaagggtcga 240
cagtggtctga aaatgacatt ttagcaaaaat gaacctctgg ccgttcgggc ggaatcctct 300
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ttcatcaagt tcttcattat cggcgaagct cctccacgcg cgtcccgcgg cctttctcac 420
cgcgccctca cccacagacg ctccaattcg atctacacca tcaaccccaa tgaggggaac 480
tgtagatcac tgaggggaaa accctctacg tccaacgttc ttgctcgggt gccgtcgtcc 540
gtacacaaaa ctogattccat tcttcgqaaa acctactaca gtgctatacc tacgaatccc 600
tcgggggaagc accgcccgcg tagaatccac gatttctccc atcagccgga atcaacttat 660
tgggttaatg tattgatcgc acaaactatt gcacagtaca agcaaacggc ggattttggtg 720
aacga 725

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<210> 6117

<211> 664
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 6117
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 tactcatctc acaaattcaa gatgtcacag caacagcaac actatcctag tcacaatgca 120
 ccagcaccac ctccgtatac tggacaatat cagccgatgc caccaaaccc tcaatatgga 180
 taccctcccc agccgtatgc cagtcaccca caaccaatga tgggcaatcc ccagtaccct 240
 cctcagccgc atcacaccca gagtgcattg cgctccctga aaatcgagtt ctccagttgg 300
 acatcaagac acctagcaat caatgatgtc gggcaaggct cgttgcctta tacggtagac 360
 ctacacacac gaaacccaca gatggaatto aagaatgtcg caacgaacaa taccatcgcc 420
 acgggtgcata tgcgggtcttt gaagccagaa atggacatca agctccatgg tcgtgatatt 480
 catcttcgcy tccaacgctc catgaaaccc gagacaacgt atcaactcaat cgcgtttccc 540
 cacatgtctt ttacatggnn agacactagt gcctgggagt tctcagtttt ngatgtgtgg 600
 gacagacagg tcaccgttgc aggttcacgc ggnttctcn tgtctatgcg cangtcggtc 660
 aatn 664

<210> 6118
 <211> 702
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 6118
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 gtgacgggaa tggccccgca ggcggctgga aactggacaa atacaagttc ctccctctca 120
 tccaacacgc gggctcgcgca aagcccagag cgaagtggta catctacatc gaagacgacg 180
 gctacatttt cctgcccac ttgcttctcc acctagagaa gttctcgtgg caggagccgt 240
 ggtacttcgg cggctcttgc tggaaacacg gtgactattt cgcgcacggc ggtgcagggt 300
 tctgtctctc acgngtgcg tgggagcaga gcttcggctt ggaagaggac atggtcacga 360
 aatacgcga tttcacggaa gccacaggct gcggtgacca tgttcttggc catgtcatgc 420
 angattacgg gattaatttc tggcagaccc atggcaagtc ggagtattct tgggggttaa 480
 acccggaacc gcaactggggc ggttgggttc gacgcgcgaa cctgtgttat tccctttaca 540
 agtggaccat acgcacaata aggatgtacc gcgactctta caactttaac aaaacttggg 600
 attttaaaaa aaaaggcccg gttaaaaaatc cgtcactttt ttaaggcatt gttaaacctt 660
 caatccctca ttgggtggat agtgggaaaa accaatcctt ct 702

<210> 6119
 <211> 698
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 6119
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 cattagcatt atgttcgctg cacttcccc catgcagcag ttcaatttct cgcagtgcgc 120

taccgcgccc	gcacgaccgt	ctccactctc	acctcacagt	tgcgccggcg	gcccgatgcc	180
ctcgctatcc	tcctcgccgt	ttcactttct	cccagcatca	gaaagccaat	ccaacacacc	240
cgtcacgtca	agaacagagt	ccggaagtct	attcttggaa	tccccggtct	ccccctcgcc	300
ttcgaagggc	gcgggcacgt	cctcccgtct	caagacttcg	cctacatatt	ctcagcgcta	360
tgcaagcacc	atatctaate	cattgaataa	cgcgtccaga	aatgggttcc	cttctttctc	420
gccgtcgggc	cgcgaagcga	gacgcaatgt	tttcttgaat	cggatcaagc	aagggcgcgga	480
cgatgcacgt	ttcgctaata	gaggcgagca	gctagtgttg	atggagcatg	tgccagagca	540
aaagaagtgg	ggcgagtcna	tgcggaggaa	gacggattgg	attctgcang	gatacttgag	600
ggattttggaa	gaaggtgttc	atgatattgt	ggacgaagcg	gatattccaag	ctctggacga	660
gtattttgtcc	aggagcaggc	aatggagatg	gaagtgtct			698

<210> 6120

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 6120

cgaggttaacg	cctcctgccc	cttcaacgac	agcggctcgga	tcaggaactg	atcaattgga	60
ccaatcatta	tcategctgg	togaaggaac	atcgaattta	acgtcttaac	ccgaccgtcc	120
tttctctgct	gacagggggc	tcaacccgcc	acgcctgtc	ccttatcctc	gactgcttta	180
aggaccagga	attcgttaga	ttctccgcta	cacttcatag	ccgcaatgtc	tgctcgtact	240
ttgtcgcata	gcccttcgag	ccgctgcctt	ttgcgcagac	ctcagaacat	tcagggtttc	300
tcgactcgta	ccaacctccg	tgccgctgat	catgggatc	actacgatcc	tccgactggg	360
tggttttttg	gtgtcaagcc	aggccagaag	tacgtgaagg	aaggctggga	gaacatctgg	420
tactacggat	tcattggcag	cttgcctgtt	gccggtgtcg	catacgtttt	caagccagac	480
acctcgatac	aaacatgggc	tttggaaag	gcacggcgga	gactggaagc	cgagggtatt	540
ctggaggaac	ccgagaaagc	tcaaaggaaa	gtaaaggaca	aatctggtct	gagtatgtct	600
ttgtacgatg	aacatagaac	cgacggacat	ggaaaacatca	gctccgatga	aatgttctac	660
ctgcgctaac	cggatatgat	tggacagata	a			691

<210> 6121

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 6121

tgaatttgtct	ctacacgata	atctgcatta	cttcttttgat	tcacttgacc	ggatattcgc	60
gcctggcttg	cttcagaca	atcaggacat	gtrccaagcg	cgtttgcqaa	ccacaggaat	120
tacagagact	ttatttgaac	ttggccaaat	gaacttccga	atgatggatg	ttgggtggcca	180
acggtctgag	cgcaagaagt	ggatccattg	ttttgagggt	gtgcagtgtc	ttctcttcat	240
ggtagcetta	tcaggctaag	accagtgtct	agtggaggat	cagaacgcta	accaaagca	300
cgaggccatg	atgctgttcg	agtcattggt	taacggagaa	tggttcaagc	gcaagcccat	360
cattcttttg	ctaaacaaga	tcgatctctt	caagggcaaa	ctaagtgtct	ccccgtgtc	420
taaaacatttt	ccggattaca	acggttcgaa	tacggacttt	gatgctgagg	caagatatatt	480
cgttgacagg	tttcggggcn	toaatcgat	ccccgaagga	gagatctata	tccattacac	540
taattgcgaat	gatacaacat	tgctgaaaag	caccatggat	tongtgcaag	acatgatcat	600
tanaagaat	ctgcacactc	ttatcttatg	ataattaatg	gtntatcaga	gaagattgag	660
ttcacgatatt	tt					672

<210> 6122

<211> 1064

<212> DNA

<213> *Aspergillus oryzae*

<400> 6122

gagttagata	ccgatgggtcg	aagacgggcgc	gagggcacacc	taccccgcg	gtctctctaa	60
cccaacgctt	attcgccacct	ctaccctgca	gcagtcaagc	agcctcggtc	accacactca	120
gtcattcaac	ccctatgcca	tgtatccctc	gaaggctgtt	ttgaagctca	atggcagctt	180
ggactcgatg	acagaaaagt	ggactaaaga	ggagcgtgag	gctaagcgtc	gcttgggttca	240
attcactcgt	atgcaaagt	ggagcaccat	ccatgcggat	tttaaccag	ttgctccga	300
agaccgtgct	cccaacagta	tctgcattag	ttgcactac	tgggatggta	aagatgaatg	360
cttcataacg	agcgtcgata	cgatctacct	ccttgagtcg	ctgggttggtg	ttagattcac	420
cgtggaagag	aagaatcgta	ttcgcaggaa	cctggaaggc	ttcaggccac	ttactgtttc	480
aaaagcaaaa	gccgatagcg	aagaacttctt	caaggtgatc	atgggcttcc	ccgccccaaa	540
gccgcgcaat	attgagaagg	acgtcaaagt	attccctctg	cggatacttg	gccatgcgct	600
gaagaaaatc	attggtaaat	actccgcaag	ttactcgctg	acagctgggg	cactccccac	660
ccccattagc	tcaacttata	caagtaacgg	cgctgcacgc	gactctggca	ctgagccccc	720
aaacgcggca	tccccacaat	ctgtctcgga	cactgggtcca	tcaaccacat	atggtgccca	780
tgttgagcc	gcagcctact	ccccccagc	acatcaccac	cccgtcatt	ccatgaccgg	840
cactcatgag	ctacgagctg	tgtacctgc	tgttagccaa	ccctaccatc	ctatggctgc	900
ccccctactc	tatccagcgg	tctgccaaca	acaggggtgat	cttggcctct	ctgcaccagt	960
tagcaggaut	tgggaaatca	acccctctcat	caacgcttct	ggcacaaaag	gagggccac	1020
ctacaactac	ctgaccccg	tgtcatactc	cgtccaagac	ccgg		1064

<210> 6123

<211> 900

<212> DNA

<213> *Aspergillus oryzae*

<400> 6123

gyccgaacaa	gctggaaagc	agggagacga	gcttcaggct	atcgaagacc	agtgggttgc	60
tcaggctggc	ctgaagcttt	tcaacgatgc	cgtcattgag	gccatcaaca	agggtgccca	120
ctctaacaag	caatccctca	ttgatcaata	cctgaaggct	gctaagggca	agagcaacct	180
tgaagctcgc	gcgatcgcca	agaacatcac	tggacaggac	atctacttca	actgggatgc	240
gctctgcacc	cgtgagggtt	actaccggct	ccagggtggc	acccagtgtg	ccattaaccg	300
tggtcttgct	tatgctccat	tgcgcgacct	tatctggatg	gagagcaagc	tccccgacta	360
cggccaggct	aaggagtttg	ctgaaggcat	tcacgccgtg	tggcccagac	aaaaacttgc	420
ctacaacttg	tgcctctcgt	tcaactggaa	gaaagccatg	ccccgcgatg	agcaggagac	480
gtacatcaag	cgttgggttg	ctctgggtta	ctgctggcag	ttcatcacc	tggctgggtct	540
gcacaccaca	gccctcattt	ccgaccagtt	cgccaaggcc	tactccaagc	agggcatgcg	600
tgcctatggt	gaattgggtcc	aagagccgga	gatggagcag	ggagtcgatg	tggttaccca	660
ccagaaatgg	agcgggtgcca	attatgtgga	taacctcctg	aagatgggtca	ctggcggtgt	720
gagcagcact	gcggccatgg	gcaagggtgt	gacggaagat	cagttcaagc	actgagctca	780
actcacaagc	cgtttttgat	aattttgttt	tgttttagcc	gacttcgagt	accaccaag	840
agtttttgat	gtatagattg	tagcttcctt	gatgaaaagg	atcgtttttc	ttagcttgat	900

<210> 6124

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 6124

aggaatTTTT	TTTTTTTTT	TTTTTccat	ttagtatact	cggtgtTTTT	attttaacaa	60
taataagttt	gtatccacgt	ttaccattaa	gaatttgata	cttccagaaa	ccccgagaag	120
tcctagagata	cagaatcgcc	caaatgbcag	gaqaaqacat	qctattcatg	caggaagggc	180
aaatcccaat	ctcatgtgca	gcgtttgaag	ccagggttgg	cattctctct	cccatattca	240
atgtgacaca	tcacacogca	cagatcatca	cccttctttc	gagtaacgat	gcggcaaggc	300
cctggctccg	gcctgggttt	taattgcttg	taattgtaga	gttctctgct	ccttctctca	360
ctcgccacac	cgccctttaa	gaatatcaca	agtaatatcc	tagctggatt	atccaaaagt	420
gcactttgaa	gaaaccccac	taccgtttac	gtgacttgct	ttcaatatcc	ggaggcaaca	480

tttgttatcg	aagcattaca	acgcctagtc	atctcattct	acacctttcc	acattttgac	540
tcgctctctc	tcttgacata	ccttaaccat	gtgcggcctc	ttcggctaca	ttaactacct	600
cgctcgagagg	gaccgcaagt	ttattcttga	cactcttctc	aatggactct	n	651

<210> 6125

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 6125

caaacaacat	tgcatectct	ctatctgcc	ctgggaccaa	agagaataat	ctctacttca	60
cataataaca	atggagtctc	cttcgcatec	tctcgtgat	cgctccacca	acactcatct	120
ggtcaacacc	gagaaggcca	acgagcttaa	ggctgcccc	gccaagatcg	aatcaatgga	180
atatcaccga	caagtgtctc	agggcaagct	ggagagcgga	gacaagcaac	aagccagcta	240
tgtatcgccc	tcggatgata	ttatgagccc	gtgctccaag	aaattgagcg	acttgaaggg	300
caagcgattc	aagaatgctg	gcaaaaccca	atcactatct	gcaaaactag	gcaagaagaa	360
ctttgagcaa	tcagctgcc	accatagcgc	caacagttag	gcgagatgc	agaagtaate	420
gacgtttccag	gacgtcttac	gtctcatgcg	ccggtcgcac	ggatcttttg	gatgatacct	480
ggatctgac	atcggttgtt	tctcgtcgg	ctcggtgttt	gcaggactgg	ttcttgattt	540
ctcttctact	tgattttctt	tctgggcaaa	tgggggttcc	tgggaattaa	atgttcttgg	600
ggatgggctt	gggacctact	gggtcaattg	gtaccggggc	taaaattgtt	tttttaaatt	660
ggcgaatggg	acctttgacc	ggatgaaaaa	caaaag			696

<210> 6126

<211> 437

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 6126

ggccgtgcta	ctgtacatgg	tcccgaagcc	gttccagcag	atcggtctgc	acttcgtctc	60
gttcatgatg	gatgaccgcc	tacgacgtgc	gatgctgtat	gacctcccc	cggcatcata	120
tgccaaactg	ttctcgtcgc	ttctgtccgt	tcgccgcttt	gtgttacgtt	acctgtcgct	180
ccccggcct	tatttctctc	gtttcactgc	cttcactgag	cagccggacc	ggaatgatcg	240
cattttcctc	accagttggg	atgcggcacc	ctattacgtc	gcgcctactt	tccggaaccg	300
ctggggccct	gtcgtttggc	ttacctgncc	tatggggcgg	cctcttccag	gcgatgaagg	360
cgataagtat	tacccccggg	gctactatac	acctgatgta	ggccccaagt	ctttgaaagc	420
aaggccccgac	cttctctg					437

<210> 6127

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 6127

cggaatttat	catccatcct	tgcattaaat	tttcgacata	atgaccctag	caggaagctg	60
catgtgcggt	gcaattgcat	acacctctga	cttcgagcct	ctagtgaagg	ctttgtgcca	120
ctgtgttgat	tgccagaagt	ggaccggcgg	cccattccag	tccaacgtca	tcgttccccg	180
ggattctttc	aaagtgacaa	aaggagaacc	ctcgttctat	gatgtcaccg	gggcctcggg	240
caaaaacaac	cgccatttct	tctgtggcaa	gtgcgggtct	agtctgttca	cagaattaga	300
gctcatgggc	gacaagaccg	tcacaaagc	cgggactctg	gatggtggcg	aagcgaactt	360

gcgcaacaag	gtcgatgttg	aattctatac	caaagaccga	gtgtcgtatc	tttgtgctgt	420
gcanggcgct	aagcangaga	cacttctggg	ttgattgggt	tgatgcggct	gcccctgagg	480
tanggcgatg	aggacgtgac	tgcaagacac	tcctatataa	ngggatgac	cgttgggatg	540
aatatggctt	tgacgttttg	tggcgatgta	catcttggtt	tgatcatgtg	tantatgcac	600
ggggtttgtg	tanttgcgga	agttgagata	ccatgcattg	aagagatggt	ttacagatta	660
tatgatattc	cg					672

<210> 6128

<211> 548

<212> DNA

<213> Aspergillus oryzae

<400> 6128

ggaaaagcaa	tggtggaac	gtgcaccgct	atgcgcgagg	cacttactga	gggggcgagc	60
ctcaaacgta	ctcttcctgc	tgtagcgagg	gctttactaa	ggtgtcctta	ttagggccct	120
gcgtaccacg	gagctcgger	tcaatctgaa	caatgcgttg	ttctctcttg	tgggctgctg	180
tgtctccgaa	aataaggtcc	atatcttcca	aagtctagta	acgggtctcc	gtcagtcacg	240
gacagatctt	gaggtacggt	tataaaaatc	atgagccaca	aacctttcca	cggtctctcc	300
gaatacagaa	gaacgtgaat	gccagtgcac	ggagacagaa	tgccgcaaag	aagatatagg	360
taccccaagt	gattgactcg	agcatatcag	gggtgatcaa	tccaatgata	ctagtatgcg	420
atgtcagcca	acgatcaata	cgaaattctc	aaagaaaaat	tcaaaatcaa	cgcacaaatt	480
gcacatccag	gtcgccgaag	ttgtgaatga	aatggcctct	taaaccgaat	tgaagggtga	540
agattctg						548

<210> 6129

<211> 647

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 6129

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gcacagtctt	cagttcaaga	gtttcggaaa	ggccgatgac	gactcgtatg	tgctcaagct	120
gaactggagg	accaagtatg	cctgtgatca	ttacctggaa	gaaaagaaaag	gtgactcgtc	180
cagtcactgg	ggtttcttta	cttggttgat	cattattctc	ttcctctgca	tcgctgccta	240
ccttatcttt	ggctcctggc	ttaattataa	ccgctacggc	gcccggggat	gggatctcct	300
ccctcacggc	gacactatcc	gggatattcc	ttatatcttc	caggattggc	tcgctcgggt	360
ggtcaacacg	ctccaaggat	cggggtccag	aggcggttac	agtgcgggat	aatgccgtga	420
ggtatagcgt	ggtgtaagtg	gttctctttc	gtttgtttac	gtctggtttg	gcatttcttt	480
ntgtttctac	agcacgggtg	ggcgtgtgtg	gcgatattct	catagaaaat	ctatatgtaa	540
ggtagttgca	gactgggttg	gattgggcac	gtgcatgata	ggtactgtac	gatgaatgtc	600
atgcatecgt	ctttctgggg	aaaaanaana	tataatataa	aataata		647

<210> 6130

<211> 713

<212> DNA

<213> Aspergillus oryzae

<400> 6130

gttgaatcta	gacgattcac	ttccaacacc	accagtcgtr	tccaatcacg	caacagaaaa	60
tgcattcagtt	cctcaccccta	gttqccctct	tqqaacccac	agccctcgcg	gcaqatcgca	120
caccagccct	ggttgcgggt	caagtgggtg	agctcccttg	ctcctatcaa	ggtaaaaaag	180
agtgtggcag	cggctgcac	cctctttcct	acacctgctg	ccccataaac	ctcggtggtc	240
gtcccttggt	atcctattgc	gacggctctg	gttgcgtgcc	taatggaaag	acctgtaccg	300
gtccaggagg	cgtttctact	cgccccggat	cgactatcac	cgtgaccaac	tctctgacca	360
acacattgac	gtccacaagc	acctccactc	acactttgtc	gtccagcgag	gttgtgaccc	420

cgacctacac	cccaacacct	agctcgagca	cctcgctctc	tgggagcgtc	atccctccca	480
gttcgagcgc	ggtgcctccc	tcgtcatcta	caccggtgt	gtcgctacc	tctcctccgc	540
ttcatactgg	ggcagcttct	cacttgaccc	cgggtttcta	tgctgctgcc	ggactcatcg	600
ttggtgctgc	tatcttttag	ataagtcttg	acggatgcca	gcgtcttggt	actgtgaatt	660
atggcttggt	ccttggtgta	tgccatgcgc	tgggatatgc	ttgcttaatt	gga	713

<210> 6131

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<400> 6131

ggcgagcaag	atgtccaaaa	tctgcacgac	ttgggtctga	acattgtccg	gttggggccac	60
agctgggctg	gagcagagcc	tgtgcgtggg	gagtacaacc	agacatttct	ggatattatg	120
aaaaagcaga	ctaagatggc	ggaggaccat	ggactttacg	ttttgggtga	cgtgcatcag	180
gactgcctgg	cgcggcaatt	ttgcgggaac	ggtgtaccog	actggtttgr	caagaaagat	240
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gatgcgttcg	cagcgtactg	gaaaaagctg	gcgtccgagt	atggcaagac	gaccaatgtg	480
gtcgggtata	acctgctgaa	cgagccatgg	gtgggcgaca	catgggccga	tccgacactg	540
ctagtgccag	gtgttgccga	ccacaaggct	ctagaagggc	tctggaaccg	cgcggccaag	600
cagatccgta	ccgtcgacaa	tgacacactc	atctggttcg	aaggcgcaac	gctggacgtc	660
ctgtct						666

<210> 6132

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<400> 6132

ttttttatca	catgagaaca	atcaccataa	ttaaaaataaa	aaagtcaagt	agaaaaagaa	60
ccaaaggat	cgtacaacaa	cagaatatac	acatcattaa	catcgcttct	caaccagacc	120
aaagttccat	cccccatagc	cctcagcata	ataaaaataag	aaaacaaagg	ttagcaccaa	180
cacagactca	cttatattga	tagttctgcg	gcggtgcccc	ggcctggggc	tggggatata	240
cacctcccc	agaagcctgg	ggaggaggct	cccaataggc	ttgtggagg	ggtgccgggc	300
cagccggtgc	acctgccggg	ggcctggtct	ctggcgtagt	atcggggcga	tcacggagg	360
cttgggtgaa	gcggcagtgt	taacatgtga	cttccttgta	cttttttggt	gcgagtggga	420
tcattgggaat	gaagcaaacg	ggataccaaa	gccatcgctg	tatacaaagg	tcattatagt	480
gtttggcagg	ataacaatag	gccccgggga	aagtaaggta	tggaatgttg	cgtagggtaa	540
ggaagcggcc	ggttgactcg	taagggaagg	aacggttgcg	tactggatgg	ttggtttatg	600
gtatgtttat	ttaggagagg	tgtgtgttgt	tgtgagtagg	agctttctgt	catagcgcg	659

<210> 6133

<211> 1378

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1378)

<223> n = A,T,C or G

<400> 6133

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cttaactgac	accttcattt	ccatcaaccg	tgaaccttca	ctactacact	cccttcggaa	120
tccaccacaa	ctccttcac	catgttgctg	cgtttctgt	ccctgacagg	cgcgctctgt	180
ctgagcagct	gtgctgcgtt	gtcactgccc	gagcataagg	tcgaactatc	ggggctggat	240
cccgagtttc	gaagccgaat	catctccaat	gcccgtccaa	caaacgtgcc	gaccgctctt	300
tgttcattct	cagattccga	atgttcqaaa	gatatcgatc	ttcattccca	gtcgacactg	360

gacttctcta	cggaaaatgg	caccctaact	gccaaaccatg	accctatctt	cccacccact	420
ttcccaatgc	gattccatgc	tgtccggcat	tttcaatcag	gccgagagac	ggtcgacctg	480
gcctatgaac	tccatgtgcg	acccatgccg	tcacgccctg	acgaagcact	ggggggcgta	540
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cacgatcacc	ctgaatcaag	actcggaggg	aaacctgcaa	atcactcaac	ttgaaaccaa	660
ccccgtcctc	ggccaccacc	atcacgacgg	accaccatca	tggatggccc	aattaaccgc	720
cagccttcag	gcaatgaagg	acgccgtcaa	ggactgcattg	cacgggtccg	gaccgaggca	780
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cgctccggag	catcaccgct	accaccacag	acccggctac	tgggcagggtc	gggagaagaa	900
cttcggcagg	ctcatgcgtc	cggtcgtcat	gcctgccctt	ctaggtgtga	tggccgggtg	960
gatcgccctg	atggttggat	tctgtctggg	caaaatcttc	atctcagtat	tctactgtgt	1020
tccgggttac	aggaagcagc	accagaagca	gaacgagact	gccattcccc	ggatagtggg	1080
ggtggaaagc	gctcccagtg	aaaaggagcg	cttgatggcg	atgtgcgatg	atcagtgttg	1140
accatacaag	atcagatctc	tttacctctc	tcactttttc	ttttcttttc	acgtgttttt	1200
ctcagatagc	atctatatac	ccagtgtaac	atgcctagaa	tttgacgacc	acactcttta	1260
ccctgtatcc	ctcgaacata	taccggttaa	agttccgatt	cctcaacaat	caaggccggc	1320
ttggccaatt	gcaaggcggc	tgaactacca	tcnagagaat	tgraggntcg	acccctgc	1378

<210> 6134

<211> 1294

<212> DNA

<213> *Aspergillus oryzae*

<400> 6134

cttttgggta	ttgatcgtct	caatcaactt	gttcggcgctc	agaggctacg	gtgaggctga	60
gtttgtcttc	tcactcatta	aggttggttc	tgtgattggc	tttatcatcc	tcgggattgt	120
cctgaactgc	ggcggagggtc	cccaggggtg	gatatatcgg	tggaaagtat	tggagcgatc	180
ctgggtgctt	ccataatggg	ttcaaagggtc	tttgcaagtgt	cttcgtcaac	gccgcgtttg	240
cccttgcgtg	aaccgagctc	gtcggtttgg	ctgcagctga	gaccgctaac	cctcggaat	300
cgctcccaac	agctgtcaag	caagctttct	ggcgtatttg	tctcttctac	attgtatcac	360
tcacctgggt	cggccttctt	gttccctgga	atgacgaacg	acttcttgat	gggagctcca	420
gtgctgacgc	taaagcctct	ccatttgtga	tcgccatcaa	gaatgctggg	atctccgtgc	480
tagactctat	catgaacgtc	gttatcatga	ttgcggtctt	atccgtgggt	aactcgtcag	540
tttatggctc	ctctcgtacc	cttgcagccc	ttgccgagca	gggacaggcc	cccaaattcc	600
tgtcatatat	tgatcgcaag	ggtcgccctc	tctgggcaat	tctaattgct	tctgccctcg	660
gtttgcttag	tttcttggcc	gcatacagaca	aacaagaagt	ggctttcgag	tggatgatgg	720
ccatatecgg	tctctcgtcc	atcttcaact	ggggttcggg	ttgtttggcg	cacattcgct	780
tcgctcgtgg	ctggaagggt	cagggccaca	gtctcaatga	actcgccttc	caatcacaac	840
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tctgggttgg	atttgcgcca	atcggttatg	cgacgaagac	cgctggtgag	cttgttgagg	960
cctgggtttt	cgtataccta	gctgctccag	ttgtcctgct	cttttatatc	ccttacaagc	1020
tctggttcaa	gacgccattt	atcggggcca	aggacatgga	cctgcaaacc	ggctcctcgg	1080
atctcgatct	tcagtacttg	atcgagcagg	aacgagctga	acaggcagaa	tggcctgcct	1140
ggaagaagg	gtataaagtt	cttctgttag	cattgggagt	ttcatgattc	tttgggttgg	1200
ttcgcaagct	tgaatttcct	atgctgatcc	tcactgttcc	attattatta	atgtgcctat	1260
atccccactg	aaaaccccaa	ctaattattcc	tgcg			1294

<210> 6135

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ..(684)

<223> n = A,T,C OR G

<400> 6135

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tgcagagggc	gccaaaggac	atgttttcat	caagaatccc	gacggcagtc	tatacattgg	120

cgctgtctgg	cctggctata	ctgtctaccc	cgactggcat	catcctaagg	cctccgattt	180
ctgggctaata	gagctgggtca	cctgggtggaa	caagctgcat	tatgatgggg	tctgggtacga	240
catggctgaa	gtttcttcct	tctgcgtagg	gagctgcgga	actggcaatc	tgtcaatgaa	300
cccggctcat	ccaccgttcg	ctctccccgg	cgaaccaggg	aacgtcgtct	atgattatcc	360
agagggcttt	aacatcacca	atgctacgga	agcagcctca	gcacccgctg	gggaggcaag	420
ccaatccgca	ggggcatcat	ccacaactac	atcagcccc	tacctgcgta	caacacctac	480
ccccggagtt	cgtaattgtt	accacccctcc	ttatgttatc	aacctatgtc	aacctggcca	540
cgacctgagc	gttcacgcca	tctcaccaaa	ttctactcac	ttcgatggng	tccaggagta	600
tgatgtacac	agtcttttac	ggcaccaagg	gcatanatgc	aacctatcac	ggattgctca	660
agggtgtgga	gaacaaacgc	ccct				684

<210> 6136

<211> 933

<212> DNA

<213> *Aspergillus oryzae*

<400> 6136

gagactggcg	ctcggactcg	agacggacgc	gggggaagac	ttcttgataa	tgtttccctc	60
agaaccaacg	acaacacgaa	atagcaacat	cgcacttatt	cccaaagaat	acgcccacca	120
gggagatcta	gaagccataa	tcacacgata	cagaaccttt	cgcctaagag	gcctgaaaga	180
gaacccagac	tccttctcat	ctaagtagca	ggacgaagtt	gatctcccat	acgagaaatg	240
gctagctcga	gttaccaccc	cacaagcgcg	ttcctttgtc	gcttatgacg	cccaggggaa	300
caacaacatg	gaatcttttag	cgctcctttt	gagtcgagaa	tggttgggta	cagtcaccat	360
agtagggcct	aggttgcctg	ctgaagataa	cgaggctctg	tcaaaagcac	catgggatat	420
gtttcttccg	ctagaagagc	gggagctgtc	tgagagagag	actcgtgatg	cgactttggg	480
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gctgattgaa	cgggctgtta	gtgaagcacg	gacggaagct	attgaggtgg	gggcaagtcg	600
tgtcttagtg	gtgtctgtcg	cggaacgaaa	gaatgatgct	gcgcgacggg	tgtatgaaaa	660
ttgctcgttt	gatgtgggtg	atgataacct	ggttttgaga	atccaacgga	accagaatgg	720
tggtgccatg	gttttggatc	ttaagggtta	aggcaggaat	cccctgatat	ttaaaaaacga	780
tgaccaaacg	gggatgggtc	cttttggcat	gccttcctgg	gggtaatat	tggttatcgg	840
tatttcggaa	cgggggaaat	cttttgaaaa	agaagtgcgc	ctccccctcg	caatgggtcc	900
accacccagt	ccaatgggta	caattggccc	ccc			933

<210> 6137

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6137

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cggccagccg	tctccccagc	agattgccgc	catgcagcaa	cagttcgctg	ctgaggccgc	180
aaggcgtggg	atgactccgg	aggaattcgc	taaacaacag	cgcgaacagc	tgaatgctga	240
ngctgogaag	catggcatgt	ccacggagca	atacgtccaa	caactgagaa	tgcgagctct	300
cgtgtctcac	cagaagcang	tgcagggcca	acgacagggc	ccaaagatcg	ccacagccag	360
gacagccagg	acaaccaggc	cagcaaggcc	agcaagatga	gncaaaggcag	cagacaccac	420
aacagcctca	cccacaacag	actacgcctc	aagtcctctg	tgacccatcg	aattcccccg	480
acccctaaag	catccggggt	gggcaagtct	tgcgatctca	gaacctgaag	ccgagacgtg	540
ttctcatggat	ggncagagga	aagacaatgt	caaaqtgga	cgtgccattc	gcgctctqga	600
agtgcgccgg	tacgcttaaa	ccacccgcaa	gaaagatctc	tttacttctc	ctccgaaaacg	660
aacg						664

<210> 6138

<211> 716

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 6138

cctcatccag	tacgaagaag	cacatgcaga	tcaccccacc	tcctcggttt	gacttgccctc	60
cgattgaagc	accagcccag	ctcactgcgg	cgccgcgcct	gcgcagaggc	cggtctgctt	120
ccccagcaa	aaagctcgct	tccccacaaa	agctcgcttc	cccgcggaag	cccaggagca	180
cgagggccag	ggaatccaag	gaagctcagg	aggtcaagga	ggtgaaagag	gcgagcattg	240
tggcgaccag	tgaggcaaat	gcaaaccctc	agtctgcctt	ggatgctaca	gccgaggccg	300
gatcgggtcaa	tggcaccatc	caaccacagc	tggaaacacga	tgaagagaga	gtggctccta	360
ctcctaagaa	gltctgcttcg	acacccaaagt	ccacgaagac	accagagagc	gcccggggcga	420
aggagcttaa	agagcttaag	gagctcaaa	agattgagga	ggctcgaggag	accaaggaga	480
ccaaggagga	gaatgtcaaa	gtggatgttg	aaactaatgc	cgacgaagcc	aaggatgtac	540
aaacgaccaa	gaccaccgtc	tcgggtggaat	tgcctgtttc	cttccttcct	gatgctccat	600
ctgccgaaga	caccgaanag	atgattgcta	aggctaggaa	atgtagaaga	ggctgnncag	660
ctcagagcac	agaggaggaa	cccgtaccat	cgtcacaaaag	gctgctaaga	gcgcaa	716

<210> 6139

<211> 605

<212> DNA

<213> *Aspergillus oryzae*

<400> 6139

ctccccctcca	gcctctccat	ctgtaccacg	attattttgtg	gcaggctctg	gtattgttcc	60
atccccctgaa	ctcggaactg	gcgactggag	ctggaaagag	ggagcagagc	ggcgcaaaaa	120
agcatctctgc	atccgagccc	catgggtccag	taccctcggt	gaccgtacca	actcatactc	180
tgaacctttcc	acgcctacca	ctcccacacc	gaacgcgtca	acttcacctc	gctttccacc	240
cgatggtggt	attggtcttg	ttgttcacgc	gctgtggccg	tggtatcctg	agaatggtgt	300
caaagacgag	ctgatgtttc	cacgtggcgc	ggaaattact	gaggcggaaa	atatcaatga	360
tgattggtat	tgggggtggt	atgctggatc	tactgggctg	ttcccgggaa	cacatgtctt	420
tgttgttgga	gagatcgcc	aatccctttt	tacagcggtt	aactaccttt	atggaaagcc	480
atgacgactt	acgattgatg	tataaataga	tgatgacgtt	gagaagatct	gatggacggg	540
atgtacgtac	tgcattatgg	tacggaatat	tagtgggggg	ttcgaatttg	attgctgctt	600
ggatc						605

<210> 6140

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 6140

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gacccagacc	gaggactttc	aattattttc	aaacagcccc	acttcgcttg	gtgggttctcc	180
ctaccataac	atgagtgtatg	cccagggggt	tccacctggc	gcaaacttcg	acctqaacca	240
gccccaaagt	cccgggtattg	gaagtccctgc	ctccggatcg	agcgagtttc	tcaacacacc	300
ctctggaagc	actcactccc	cctacgatcc	tatcaatcca	ttccccgaca	gctcgatggt	360
ctcatttgag	ccgtacatgc	agcctaagac	cgaggagagc	ttgttggttcg	tgagcggcgg	420
atttggcgat	gtgcctagta	tgttcgagca	gaatcccatg	gattttctga	ccgaccgat	480
gtacaactca	aactttatgg	gctatgaqac	tgtccagccg	cagcttgagg	ccaatccana	540

tgcgcnagtt ggactggatg gttgggatga tttt

574

<210> 6141

<211> 751

<212> DNA

<213> *Aspergillus oryzae*

<400> 6141

tgtgtgctcg	atcgattcgg	cacgaggcct	cagactctct	atactactaa	gatcccgccc	60
gagtctatgg	ggtatgagag	gactaagcgg	gccgtggaga	gtagtctccg	ggaggcgggg	120
gtggagtata	ttgagctaatt	cccactgcct	gctcgctatc	gtttgaaaca	agacatccta	180
gtccccctgta	tcgcactcct	aatactgtcg	aaactgggca	tgacgttttc	tcacctcccg	240
tccccctctat	ttgttttctt	cttcttcccc	gaattcgagg	ttgctcttct	cttttggtcg	300
cttcgcgtcc	tccgacgggt	tttcatttct	ttttttcatt	tcacgttttt	atcgtttccg	360
accggggggg	tgggctcttc	ttgtcgccct	gtcaaaatca	atattttcatt	tcttctctct	420
tccccgctct	gttaatatata	ttgcttaact	ttatatcggt	tttcgtgtgg	tgtttatatta	480
cctatgtttc	catttatgtt	tcttagtctc	agttgatgtt	gtcgtttttt	ctcgtgtatc	540
tctctgctgg	tatttgctcg	cactcatcgt	gcctgcattt	gtgctctctt	tctattatag	600
ttcgtgaatg	tcgttggttc	tatctttgtt	attctgttac	atctcatgtc	gatagttctt	660
ttgttgctct	gacactctcc	tgagactgag	tttaacgttt	tatttgagat	tatcactgtg	720
catcttctct	cttttctctc	ttctctcttc	g			751

<210> 6142

<211> 731

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 6142

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cctagattca	atggatcggt	tttggtctgc	gccccctgtg	acaaggactc	taactgcctt	180
tactttcggt	cagtcgcctt	tggtttatgg	tggcctacta	agtggtagat	atggtatatt	240
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gcctagttct	accgcggcac	taacatacag	tagtgttcaa	gtatggcagt	gctttggaga	420
cgggatcacc	acggttcaac	ttaccagggt	acttcttcac	gtacgtgttc	tttggagcta	480
ctgggtattac	ggtaagtaat	gggacagctt	tgtttatcag	tgccttggca	accctttccc	540
ccttcgcgtt	ttttgggacc	aacttctgcc	ttataaacct	cgcatactcg	ccccgccagc	600
ctttattttag	cctgagcggg	tcttggggaag	tgagggngat	tggccccctgc	atctcatacc	660
agaccgcgat	tcgcattata	atthaggggt	ggattccaag	taaggattgc	ggcgacgggc	720
ttttaaaaac	g					731

<210> 6143

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 6143

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ttcatcaaaa	accctttcgt	gggcaccttc	acctttttct	atctcctglt	tcaagcqqat	180
ctcaactggt	tctttgctcc	tgccccctcc	ccgccccggt	cactcgtcaa	tggccttccc	240
aagaagcaag	tggctgtcat	tgggtgtggg	ttaacggggc	tgtgcgcgcg	agctcactgt	300
gtcgggtcat	gattcaacgt	gcagatcttt	gaggcgcggt	ccaaggcgaa	cggattgggc	360
ggtatctgga	gtctagttaa	cttgacctcc	tctttgcaga	ttcatagtat	catgtaccga	420

ttccatccga	cygtgaaata	ccataatgcg	tatccgacgc	agggagagat	tactgagcaa	480
attgtatacg	tgtggaatcg	ctatggcctg	cacaaacatt	ctgaatcata	aacccccgga	540
ctctcgtaag	caagcaaaga	tggcaatgga	ttatcatgat	gataaaacaa	atccgcgcgt	600
ttgatggcta	aggggcaacg	ttagagttgc	gaaaacccca	catgcccccg	atgcccaccc	660
aaaaccgttt	aaaggtgata	cttt				684

<210> 6144

<211> 519

<212> DNA

<213> *Aspergillus oryzae*

<400> 6144

cactgctctt	ctgggcgca	ataattatct	tgcgggtgat	ggctcggtt	ttctctacgc	60
cgcgtaggt	tgcctttg	ctggctgctg	gattggttct	tttcagtgt	ctagcggttg	120
ccaaagatgt	gattcccgtt	ggtgagctct	ctgtaagcca	gacgaggat	gaattgcaga	180
attgcccctt	cgtggaattt	tttattgagc	acaagcgtgc	caccaacccg	ctgaccatca	240
gcttgacctc	gaagatcttc	gcccgtcttt	tccctgtg	cccagctgta	aacgcaattc	300
tgcccactgc	gtatatctcc	ggacccccaa	acttctctct	ggcactatgc	ccccccaaca	360
tgcacccctg	atccttggac	gcgatggtag	ctttcgccgt	gggtgggctg	atgggcgaca	420
cattattcca	cctcctacct	gagatcttcg	cttgccaaga	cagtccttac	cacgtgcggt	480
ttggtattgg	gacaccgata	agaaacttcc	tcttgggct			519

<210> 6145

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<400> 6145

ggctggccca	tttaccaccag	agcacaaaacc	caacatctat	tgcagcgca	gctcaccata	60
atcgcaggaa	caatgggata	tgtcaagggt	accgacttgg	acacatacca	caatgtagtc	120
agcggagcta	attacgcggt	cttcaacttc	cgtgactctc	ggcgtcgctc	gtctgatacc	180
gatctggcct	acgatgacct	cgctcctat	gcataatagtg	acaccgtcgc	attctatgaa	240
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ctgggtgggtg	acgcgggtgg	gtaatgatga	tgtgcaccta	tgtcctcgag	gttgtctata	480
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gttgagtggg	tgcattgctg	cataatcctc	tgtctttcct	ttctttgcat	agctatggat	600
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ttaggtcacc	gattttgatg	actttcattg	gtaatgtatg	accggtttgg	aattaaccaa	720
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<210> 6146

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 6146

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ctcaagattc	tgcgtgcccc	actttcttgc	ccctgactgc	atcacatcaag	aattgagcggt	120
gggaacggtg	tcctttcatt	atgaaggctg	gcaaagccct	caatgagcag	aagaccgaga	180
tcgttatcca	attccgcgac	gtgacttcgg	gcattcttcaa	ggacattcct	cgcaacgagc	240
tgcgcattcg	tgttcagccc	aaagagtcgg	tgtacattaa	gatgaactcg	aagcttctctg	300
gcctgtccat	gcagactgtc	gtgaccgagc	ttgacctcac	ctaccgcccgt	cgtttctctcg	360
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actaccttga	tgataacaag	gagatcatcc	ctatgggaata	tccttacggc	tctcgtggac	540
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<210> 6147
 <211> 1453
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6147
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 agagcttcac gagcacgctc acattgatta cgagcgtgtc gctattatcg ctaaccctgc 180
 cgtccctgct ctttacgaag atgctcttgt ctatgagact ggtactgcta tcacatcgctc 240
 aggtgctctg actgcatact ctgggtgcaa aactggctgt tccccttcgg ataagcgtat 300
 cgtgaaggag gaatcttctg agcaggatat ttgggtgggga cccgttaaca agcctatgac 360
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 tatctatgtc attgatgggt tcgccggctg ggatgagaga taccgcatca gcgtccgtgt 480
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 caaccgtttc actgagggtg tgacctctgc taacctcgct gccatcaact ttgcggagaa 660
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 gcccgatatt ttcaacgcca tccgcttcgg atccgtcttc gagaacgttg ttttcgaccc 1020
 catcagccgt gttgtcaact acgatgactc gactttgact gagaacgacg gtgtgactga 1080
 gcccaggcc actttctcct cttgcttcgc ccagccttcc ttggctctcc accccatgcg 1140
 ctacgctacc atgctggctg agaagatctc gcagcacaag gccaatgctt ggttgctcaa 1200
 caccggctgg gttggcgctg gcgccaccac tggcggttaag cgttgccctc tcaagtacac 1260
 ccgtgccatc ttggacgcca tccacagcgg cgagttggcc aacgcggagt acgaggtcta 1320
 cgatgttttc aaccttcacg tgcaccaagag ctgccccaac gttccctctg agcttctgaa 1380
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 agttgttcaa cga 1453

<210> 6148
 <211> 717
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6148
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 taaacatttc tttgttctat acatccgcca aaatgcttcg tgtctctgct atcttcatgg 120
 cctgcctcct tctggctacc gctgccccca ccgtcctga gaagagcaac gcttgtctct 180
 ccattgtgtc gcaggagaga cctgctttgt ctagtgatga acgtccaact ggctctgagg 240
 gctgctgggg ttgctgccag aaaatcgaag cagttagctg acctgtccag cgcgcgtcat 300
 gtctctccat gtgtcaacag gagaagccta attgtgctag cgatgagaaa cccgctggct 360
 ctgaggggat ctggggctgc tgccagaaaa tccagccagt cgtccctgtc aagaaggaga 420
 tgtgtctctc catgtgtttg caagagaagc ctacttgtgc cagtgatgaa cacccaactg 480
 gctctgaggg ctgctggggc tgctgccaaa agaactgaac aacaagcatc taaagactga 540
 tcatgggata gtcacatcaa aagtattaat tctctgtcta aatttgttca aaagcaaaag 600
 caaaaaatgc ctatctccaa tttttatctc ttaattggcg gatgtccact gtgcattgca 660
 atgtggacac ccgttccatg taagtactaa tgaatagaaa ctcttccata tatgtgt 717

<210> 6149
 <211> 657
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6149
 ctggcccgaa ctccaactca acatctggat cctcatcgct ttatcggtt ccgctatctg 60
 tatgggcatc tttgcctggc ttatgtctgt acaatctgag atgcgtctcg ggactccatg 120
 gttcttccca ttcattggctg tctccggcgc cctcggcate ttcttcatca ttctcattct 180

catcctcgcc	gcccagcggt	tcctgctccc	cggcattatc	atgctgggca	gtttcatcct	240
cttcgtcctc	tggttgacgg	ggttgattga	gacctcggtg	cagttgtacg	gcgtggtcgg	300
gaacgtcgat	gataattgtc	agatctatat	tgttgataat	cgcgcggggg	ggaataatat	360
gcagaccttg	gcttggttga	cccagaagac	tatttgatg	tgctggaaga	cagcttttgc	420
gtttgagctg	gtgaatacca	tcttcttctc	ttggatgatg	atcatgtcgt	ggcagggtta	480
tcgcgatgta	tatgattgat	tttcttggtc	ttttttgttt	ttcgttggtg	ttctatgacc	540
ggatatgatg	ttgatgacta	attatgcatg	ggttttctgat	cgattctgta	tgtatgaaga	600
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<210> 6150

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 6150

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gcgtccaacc	gaccggcaga	tttcgtatcg	gccgtgggtat	tcgcacatga	atatggcatt	180
ttacctgctt	cgtcccaaaa	cgggccattc	attcctaata	gttttgtgtc	gcttgccggc	240
gttcggggtg	ggtgctgtcc	agctttccgc	aggtggaacc	agcccacctt	gcggatgccc	300
cacacagggt	ttccctggaa	cgcagcctat	aaaacccttc	gctcctaata	accggtgtta	360
aatctgcggt	tatcttgtgg	taaaattctt	ttttctctgt	atagattttg	gcattggagag	420
ggccatatac	gggggctgga	ccaaaatggt	gcacccggcc	tggtataaaa	gaaggggggt	480
taaggaccat	atcaaggacc	cttggcgggg	ggatttggtg	attcccttcc	tttggggggg	540
tttgggcccc	ccccggcccc	gggggggatt	tttccaaacc	ggggttcctt	taaaaaaaaa	600
atctaggggc	gccaaccctt	tttaaagccc	cccn			634

<210> 6151

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 6151

caggagcgag	agctccacgg	gtagctccaa	cgacatcctc	acagtctgga	acaacaagac	60
gggtgaaacc	accagatcc	acgtctggcg	acttctactg	gcgatcgagc	ctaccgcggc	120
taacatggct	cgtttcgacc	tggaacgtaa	tgagaagaac	gtcctctcca	gattcaccta	180
caaccaatgaa	tacacgggtg	ttgtgaacaa	cgcgcgcttt	gcattcaacc	aatcctattt	240
caacctgccc	cggacagcgg	cgcgggacaa	ctacctcgcc	ctgcccgaag	cgtctttcac	300
agctcgcat	gactacatcg	gcggcgggcg	cctcttcagg	gtgaccattg	tcggtaacag	360
cacgtctgac	acagccgggtg	ccaagagact	cgtccagaac	gacttcaaca	cactgctgcg	420
ttcggggcgt	ttggcggaaga	caagcaacgg	ggagccgctc	agctgggtgg	actttgcgac	480
ccacgggtccc	atgcattgcc	gtgtttctgt	cgcgatgtc	aaggccggct	tcttcagaa	540
gctgaacgct	ttgcagggtg	gtcgggtcaac	ctgggtggact	ggcgggtgct	tctcgataa	600
cttcacagaca	acgttgtggg	agtgtgacga	gctccttttc	cgggaacttc	ttaatgggct	660
gaactagggc	tacttggga					679

<210> 6152

<211> 520

<212> DNA

<213> *Aspergillus oryzae*

<400> 6152

cagctagtta	tatgccatca	tcacaaccaa	gccgcatggc	aatcgatgcc	ctgtatcccc	60
acgataacct	atcaaatata	ccaaacatgt	cattcctcct	cacccgcacc	tcagccgtgc	120
tagggctcgg	cctcggcctc	tccctcagtc	cgtctcctcc	cttcggttcc	gccccaatgc	180

aatgccaaata	cagcgccccg	tactaccgac	ccgagtcgca	agcctccccg	gactcaggct	240
ggaccgttga	ccgcaacgac	cccgtgctcc	tcaaacaggg	ggctacgaag	agcgggtggt	300
tgacggcgctc	gaatatgcga	caggtgagtc	tggggagtggt	ccttggggctg	gttgtggggg	360
tgggattgag	ggcgttttcg	agggtttttg	ttgtgctttt	gggtatgggg	gttgtttttg	420
ttgagtgggc	tgctgcgaag	gggtataatg	tgattcctgt	ggatcggttg	cagaggcttg	480
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<210> 6153
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 6153						
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cagaaactgc	gcaagtccca	actgacggac	tgggcggaag	ctactgatct	tcacaattat	180
gaggaatata	ataaacccga	acttgccacg	ctgttggtac	aacatctcca	agctaaccag	240
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cgcaaggggt	cgccggtcaa	gagagacccc	cgcggtgaaa	tctcgccact	tgcgaaagaa	360
acaccgcggt	cggtgctacg	gtcggcgcgt	cgcagacaga	cgagagcctt	ggaggaagag	420
gtgaaggaag	acgaggccaa	ggaagaggcg	aatgaggaac	ccaaggagga	actcaaggag	480
gaaccaagcg	cggaacctaa	agaggaggct	gagcaactcc	aagagggaatc	cgacgcgtnc	540
ccaccacctg	tcttccagac	tcttggggcg	tgcgcgctga	actttcaatc	ggccttgccc	600
gcacgcgcgg	ccctcctcgc	tgatgtgggt	gaccgggagt	ccgtcccgtg	gcgcaagaaa	660
gctagcgatt	ggtgg					675

<210> 6154
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 6154						
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acatcaacgt	caactacacc	atcaatggca	tacactagaa	ctgacccctc	gttcaccttg	180
agtgcgcgac	aacgcattga	tatgagccac	cacagtccca	tgcatcgtcc	ttacgatacc	240
ttcgccgccc	ccaagggctc	cgatccctta	tgggccaact	ggaactatga	tagtgctatt	300
gatctgttct	cgctcaaac	catgatgccc	gagaacttcg	ctctcgatgt	gcccattgag	360
cctatgggag	tggaccccaa	ggatttcccc	gcggatttct	tgcgcgcccc	tcttgatata	420
agtggattca	ccatctccaa	ccactcgggc	gaagatgcgc	gttctatcac	ttcggatctt	480
gaaagtgatg	atcagtcgtg	gtctcccacc	tacgctgctc	ccgctgagat	gcttncctgc	540
ccnccgaagac	aatccacccg	ccgcaagacc	accccagctg	tgaaacgcga	gacgacatgg	600
tcctcgagtc	cagaactcgc	accccgaagat	accccgcac	acctncccta	gacgactcta	660
catggcctcc	c					671

<210> 6155
 <211> 677
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 6155

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ccacggggaa	ggaccactga	tttttaactc	gtgcctagct	caccctggac	aaacttgggg	120
ctggctccat	ttttccggac	tcgaccttct	ccacatctcg	catttcaaag	gccgaccgct	180
cagcttcggt	taccgcgcca	cttttcggag	acacaagcgt	actgaacgct	gtccctctca	240
ccaaacccag	acggtgcctt	gattcagtg	gtccgacttg	aaaacctggt	ctggtgaacc	300
cgttcagctt	ggcagatggc	atgcgcagcc	gaccgcgttt	gcgtttgcat	cactgacagt	360
cgtgcagtaa	cgcagtcgaa	actcctgcc	cggataccat	tttccggctc	aacgtcattt	420
cacagtga	agttgcaaac	ccctgtctca	gacacggaat	gcgtctccct	tgccctttcc	480
cgcgcagtaa	cccgcccgca	agcataatca	ggaattatgg	gctcatttgt	ggaggatctt	540
tggtctagcg	tctttacccc	gggtcccact	cccaccttgc	tcgtcgttgc	taacgccact	600
ttcgccgcac	tccaaactgg	ccctcttgctg	ctcctgtctg	cgagctacag	gatncacttc	660
atcggtctct	ccgtccn					677

<210> 6156

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 6156

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tcacggcgat	gaccagggtt	aaagcctctc	ggtggagatg	tactctccgg	ctcttctctca	120
atcggttggtg	tcttctcggt	tgtgccacga	ggagggataa	tcgggcttat	tatcgacgtg	180
ctattgctat	cgcaccgtgt	aatgctatcg	atgatagtgc	tcggtgtctc	cggaacgtca	240
aaagcttgat	taaccacaga	ccgaaatccg	acggaggggt	tatggtgtaa	ttgaggttct	300
tgtctgtgtg	gttcggcggg	ttggtctttc	tgagcgtcag	acgaaggtgc	agccgtgaga	360
tctgcgcgca	atcctgacag	acgcctgata	tctgggagcc	caatgatagg	aacatcattc	420
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ccactgtct	gtctcgctaa	ccggctatag	atgtcggctg	agcgtaatgg	gaggttgtga	600
ttctgttctt	ctgcgttgcg	gtcggctgag	tgactacngc	tatccgccac	agggccggctc	660
cctagcgtan						670

<210> 6157

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 6157

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gcatacaactg	ggcgaagatc	ggagggccacc	cgatcgagta	cgaccggacg	tactcccttg	180
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ctggcgggcga	ggtagaggag	gttgctcgacg	aggaaagcgg	aatcttggtc	agcaccctcc	300
ttcgctcagta	ttttctqagt	ttgaagggtga	tgggcaggtg	gcagcgtctg	agtaagagct	360

tggcacgtca	ctgggacacc	gtgcaccaga	acctccattg	caatggctgg	ttgaagccag	420
catctggcca	aacctccccg	gtaaccgaga	aggctccggg	acggcccccag	cgaccgaccc	480
tccaacggag	canacagtac	tatcaatacg	gccgcttcac	ggagattgac	acggaagaga	540
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aaattttgac	ttctnccgaa	cctaccacga	actatgtgac	cctgcccgcg	cagtcgcgcc	660
cagaagaaga	gcgttgactt	cgactagccc	gaa			693

<210> 6158

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6158

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ggtgcgcgcg	aagatgctgc	ttccctcgga	ccgaccccaa	aaaaagggcc	cccagggggt	180
ctacatgaac	ctatccgaaa	tttaattggat	ccccagagc	cccaagctcg	caatacccag	240
ccctccacac	cctcaatagg	gcgtcaaggc	atcagaatcc	gaaccgggaa	gggggatgtc	300
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tcgaagcaac	gcaacttccg	catgtccgac	atccccacgg	atatcaaacc	acgctccaca	420
gagtgggacg	gcagcgctct	gaaagtgaac	tgggagaacg	acatccccgg	attcgacgag	480
tcgcacacct	ccacgtacac	cctgaatcaa	ctacgaaacc	cctccgcaaa	ctactcctac	540
catagcaccg	gccggaagag	aaagcgtctg	ctgtggcaca	actggttcca	gcaccgcttc	600
gtctnctacg	aagagtacat	gcacgacgac	gaagcgttct	ccagcgccat	gcgcaatctc	660
gccc						664

<210> 6159

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<400> 6159

cccattgcgc	tgttttccgg	agacagtacg	aggaagcgtt	gcctcgcctc	gacgccgcag	60
acacaaaacg	aggaattctt	ccctccacca	aatgcgcctc	acatcaagga	ggtagagacg	120
gcttggggcc	accctgttta	taccgaagaa	cagatgcgcc	gggtcacagt	tgctcaccgg	180
gaaacgaagg	actgggcaga	ctgggtagct	ctcggcaccg	ttcgattgct	tcgatggggc	240
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cagatgaccc	agcagaaatg	gctcactcga	ttcgtcttcc	tggagagtgt	tgctgggtgt	360
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gttggctacc	ttgaagaaga	ggcagtgtc	acctacactc	gagcaattca	agatatcgaa	660
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<210> 6160

<211> 1071

<212> DNA

<213> *Aspergillus oryzae*

<400> 6160

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cagaaactgg	gatgtatcac	attcatctct	ccgatgttta	tgcttgatcat	ccccaaaggac	180
gcactgcccc	cctccctcgg	acactcactc	ggttactata	gcaagcacat	gatggcttcc	240

attccagacc	cccagcctaa	gaaacgagag	tcccgtgctg	ggacgcgaaa	ggtgacgtct	300
ctctcagctg	aacaactcga	aataaagcgc	gccaacgata	gggaggccca	aaggactatt	360
cgtcagcgga	caaaggagca	catcgaacgt	ctggagcacc	aagtagcgga	gttaaaatcg	420
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gctttaaaac	aacagctatc	tctggcaaga	agcggacaag	cctattcagg	cccagccgag	540
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atgactgttg	cagcacccca	agctagcttc	aatcccccta	gcggccatcc	tcctgagccc	840
ggtctccact	catattcaca	cttatacgca	ggaagcggtc	ccaacaaagt	gcgccgaggg	900
gagcattcac	acaaccctca	acacgtcggt	caatgtgcga	cgagtcaacg	ctcaatgtcc	960
gtgcccacta	ttcgcgtcaa	aaggaaactt	cgtgggaccc	ccgtttttca	ccccgcacca	1020
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<210> 6161

<211> 1151

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1151)

<223> n = A,T,C or G

<400> 6161

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gatcccgctt	tgcgcgtccg	cgatctcgag	gctgacgagg	aatacgtgat	ggtcgccttt	180
gagcgtcatg	cgagccactg	cactcgatgc	gcagatcccc	tcagagcgcg	caaagatgac	240
cgtctctctt	gtgagcgtgg	acaccaatac	gccgtcgacg	tcgcccacta	cctttacagc	300
aagaacggaa	agtcatactc	gacctctgac	cgtgagcgca	accagcctac	tctcgtcaag	360
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ctgaaccgca	nagaacaggg	tgtgttccag	ccccctcggt	caccgtcacc	tatcatcacc	480
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aatgtgcccc	tccgactccc	atcttaattg	gtacccgatg	ttcgcgcgca	ttggcgtctt	960
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aaacattggc	tctaccaagt	ccgaagggac	acctttgaaa	atcccaaaca	aaccggggaa	1080
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<210> 6162

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 6162

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gaaaatggcc	ctgaagtgtc	gtgatattgt	catactgggc	actggcgnrt	tcattgtctg	180
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cgatgcagac	aactcccgat	ctcaatgttt	gcctgtcgcg	tttctcactc	cccccaactg	360
gcagggttag	actcaaggtc	taaagaaqcg	ctccatctac	aatcccggtg	cctctacccc	420

gcaatccttt	atggtgtccg	aaggtatcga	cgagcttctg	gcgctgggta	cccgggattt	480
catagcgtca	tggtaccttg	gtatcagtc	gaacccagca	ttcgtgactg	aagtagaccg	540
agtgtttcgg	gcagccattg	taaacctacg	tgatcggtta	cttgccgaag	atcttatatc	600
gcttatcgtc	tccccgatat	ttcctattct	gaccacacat	cttaaagagt	tcgg	654

<210> 6163

<211> 836

<212> DNA

<213> *Aspergillus oryzae*

<400> 6163

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ctcttccctc	tatctcgact	ctcttggaag	gcgcgcagac	cgcatcgaca	tatgctgcaa	180
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cagctctcaac	accaaattggc	ccctcctactc	cacctttgcg	ccctgaatcg	ggcttccaca	300
ggggccacca	ctctccctct	gcttcgtccg	tgactagtgg	aaaggccatc	aagctcgagt	360
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cagaccccg	tactgggcta	cccccccggt	ttctatgccg	gctttgccac	caccacaaat	600
gatactcccg	tactcggggc	tgacacaca	actacttccc	gtttcgactt	ggccccctacc	660
aaagaacccg	accggtatct	tgccggactt	gcacaggggc	tttaaacaca	atcaggtggg	720
attctttata	aagcaattgg	gggaaacctt	ttccgtgccc	caacccgggt	gaagaagggg	780
ttccgtctaca	aacaaataaa	ccccagaacc	gggtgcacca	ccgaaccccc	gtccct	836

<210> 6164

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 6164

tcaagtagaa	gaggcgtgt	gccccctccc	ctccttattt	tttcggacca	acttggttga	60
ccaccgcttc	actctttcag	cgggcactca	ttcgtttgca	cacaaaaaca	ccatataccc	120
aaatccatcc	ttgaatttcc	attctatcca	acatgagggg	tgctttcttg	gccgctgcgg	180
ctgccgtcgc	cggtacggcg	atggctgatg	tcgcgcacat	gcgtcgtcat	ggccatgatt	240
ctttccacca	caaccgcgcc	tatcagcctg	aggttctctc	cgagggtgat	gagaactgcg	300
aatgtaccac	caaggctcat	accatcactg	gcccctctac	cctgggtccc	atcaacaccc	360
cggtctctga	gcccagcagc	agcagcagct	ctgaggtccc	cagcgttccc	agcagcgaaa	420
gcagcgtcgt	gacctccgag	gctgtcacca	ccctccactc	caccagcccc	tcctccgctt	480
ggtagtgggc	ctggcggtgc	tggtagaagt	ccgtttgatg	gtggaatgcc	aggcggcttt	540
tcattcggag	gcattgcctg	aggaaagtgg	gctcggacct	ttccgttttc	gactgggccc	600
cgcggtggca	gtggcttcca	attcaactcc	gcagatgata	tt		642

<210> 6165

<211> 751

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 6165

caccactctt	ctataccttt	caaccaccaa	aatgtcgtca	attgotgcta	tggeccccc	60
ccaggccttt	gctcgccagt	ctgttttccg	tgcccccgcc	cgccgtttct	acagctccaa	120
gttgaggagg	gctagcctcg	acaaggctcc	tcgtcgtgac	cctgagcttt	acgtcctgct	180
cggtgtgatg	tcgggtgctt	tccttgcgtc	tggtatggtag	acgccctttt	ccgcacccac	240
tttacaaccc	acgaacggcc	gcaaaaattc	cccaattgca	cgtggaagcg	aaacaaatta	300

ctaacaattc	tttcctcata	acaggtactt	cggcaagaag	cccacctccg	tgacctccga	360
gagcaacgtg	cgcattggcg	acagcgccat	gccttgggag	cgtgaggacg	acggcaagggt	420
ctacaagtac	cagtaccacc	ctcacggtga	caagagccag	cctctcagaa	acgccccag	480
cgctctgaac	accggttattg	tgcccaacgt	tactctgccg	gctgatctcc	atgagcgcta	540
caacaagtat	ggcaaggagg	agtgggatta	ctaaatggtc	atacagctac	atagaagggt	600
attaggggggt	tggttgaggg	gcattctcaac	actggctcgt	gtataactaaa	attgctgtga	660
agagtagaga	agcgttgtgc	atagtacatc	ttgacgggaa	tcaaatggag	actgcttttt	720
tgcattacac	aaaanaaaaa	aaaaaattcc	t			751

<210> 6166

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 6166

cgaggcttct	tatctccgta	caatcttcaa	tctcaacggc	tccatcaacc	ttcaatcgca	60
ttaccccaca	accaaatcta	ccaatctgac	atatcaatga	catcaatcga	gcctcccagc	120
cctgtcggaa	cccgtcacac	agcgagacac	atacaactgca	tggccgatca	ccaccgctaa	180
acccaatcaa	tccttccagt	cctccacctc	acctcaccaa	tccaccaacc	tcaaggacaa	240
accaaaccgg	gaaaaatggg	aaacatttgc	tcccgtctca	aaaaccaacc	cgaggccttt	300
tccagccccg	gtcgcgtctt	gggctccgcc	aatcctcccc	cgggagacac	agggaaatcc	360
agctnccggtc	cgcgcgcgcc	gctccccgca	aacgccagta	cggggaggac	cctgggcggc	420
gcggggggctc	caggtgctgg	cgcggtatca	gctgatgcgc	gggcgaatgc	agcgattgcg	480
gcgcaaaaac	gggctgagtc	tactacggcg	ggcaacaagg	gcaagttang	gtcaaagtta	540
gccgctcaga	aggcccagac	acaggcccag	acgtnggggg	aggctagccg	taatgagagg	600
tctgctanag	atgcggataa	tgctgctgag	gccanaanaa	tggagtgatg	gatgtacaaa	660
ttactcggnt	ataacttaat	tctggctgtg	aatcgccgggt	gtttcacttt	ttctttct	718

<210> 6167

<211> 560

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = A,T,C or G

<400> 6167

cgaggcggaa	tcttgtataa	cctcaaattc	caagcaaaat	gcctgccgcg	ttcacctact	60
tcgccaaaagc	ccagttctacc	tacaagccac	ctcacatcgc	aaacggcaat	gccttcctgg	120
gggacatagt	ctcgagcgaa	cacaatgata	ccgagaagcc	catctcgggc	ggttttctacc	180
gcctggagaa	aggcgtccct	ctagtctacg	agtaccactt	cgatgagacg	aagatcatcc	240
togagggtga	atttgagatc	tccgatgaga	ccggacagaa	ggttacggcg	ggtcgggggg	300
atgtctttta	ttttccgaag	ggatcgaaga	tcaccttcac	gacgcctcgc	taaggcttgg	360
cgttttttcac	tggacaacgg	gccaaagctgt	aactgttaac	tttaacatgc	atacagcaaa	420
acccgctata	agcgaccccc	atagaggggaa	tctacgcgtt	ataagcaatc	taattgagtg	480
tctgaatnta	actaccatac	aaaatttcctt	aaaacctcaa	tatacggaaa	attttatcgt	540
tctgaaaaaa	aaaaaannnn					560

<210> 6168

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

```

<400> 6168
ggccccctcac cactttctca attttcccaa ataatagaaa catctctttc tccttgatac 60
tcgcaggaag atctcaaaag atggcctcgc gaatcttcaa ctccacctac tacggcaaaag 120
actaccgcgc tgggtgctgct cttctgcgcg ccgcgtcgcc ctacctcgtc aagaatgcct 180
tgaccggact cggcctcgtc gcgttcaacta tcagcgteta cgcctacacc atccgtgcag 240
tcggccagga tgaattctcc gatgtgaagg tccccgagac gcccgcgaag cccagcaga 300
agcaatgagt gcgaatcgag cgttttactc gacctgttgg tgtgtgactt ccgcttttga 360
tttggttatg acggactctc ggttggtcag ggtagaatt gcacaccaat ggtcaaggac 420
aatggttcga ttcgatcatt gatcggataa tgtatcgggt accggagtaa cgtggcgaat 480
cgtgtttcct ttgcttgcca ctacatgcct gtgggcttcg aatgggaaga ggtttttcaa 540
tgtgcgataa tcgtgggaga ttaggtttt ctattggaag tctgcaaatt tggaatgatg 600
gtgagagcgg gagccgtgca agacccaacg ccgcggcaat gctgcgcaat ggggatgtga 660
aa 662

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<210> 6169

<211> 959

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6169
ggaagaatag gtcgatcaac gacttgcgat cgctccacat tccccagcgt ctattgtgtc 60
tatttttggg ttgaatgagc aacattgccg ggccattcgg ggactatcga ttgttccatg 120
actccgtgga agcccagaca ttggtgactc aacccaagg ccttctcctc tcgcagggtc 180
cctgttctcc atccaactcc ggtccccggg gcttccctct cactcttaat aatcccttcc 240
acctcgttcc tgcccttttct gctaaagtgg ggcaacaacc ttcaccattc aatttgacag 300
cttgatctgc cgaccttaat atcaacctca ccccatcggt tcactcacgt ctcttctctc 360
gtatcgctcg tatcagtcac ctacacctcg ttgaactaca cagtcacatc gtctgactcc 420
aacgaccttc gtcataacgg taccgcggcc aagagggtct ataaccacaa gtccaaatgg 480
gcctacgggtg gccgagcggc gctcccgcac cgcgatgtct ctctctctga cccagtgcct 540
cgtccagcgg caccacagac tcactccctg aagtattccc gtcttttgca gcttgaccga 600
aaggccaagt ccaaccagct agcgaccacc gccaaagtcca cctgcgacg tgacattcgg 660
gaggccctgg acagcggccc atccgactcc tccgcgcggg aagacgttga ggaacctca 720
gccgcaaagg atattctagg acaccttcag gaggaggatc tgttagaacc ataccaagtg 780
tcgggacaga caatcctctc tgatgcgata agcaaggctg tagagaaatt tgagacacga 840
gaaaccgaga agctggtcga ggaatacgaa atcattactc gggagagtga gatcgctacg 900
ggctatctcg ccgatgatga ttccgagcta gtcgaccatg atcaccgcag ggctgtgaa 959

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<210> 6170

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

```

<400> 6170
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aatgngtca ccacccccgg gaatgtcagc ctacatgaa ctatctgagg atagttctac 120
cgagcatacc gaagatgctg atcctgaggt tctggtggca aacaaaaaga aacgcaagtt 180
tttaaagaag atcggtggtc cctgggctga gcgatacagc gtatcattgg tatctgccag 240
tgtagttccc aattactttc catcgcttcg ggtcggtgaa tataacatct ctgggttagt 300
agatgccacg acttggggcg agtctcggga tcaagatact gcagtggcct cgcctacctc 360
cgatgtgata gatgatgatg atgatgatga tcatgcattc atcgagaaaa agaagaaggg 420
gaagaagaag aagaagcagc ccacttcaa ggtcccaaaa ccccgctcgt catctgtctc 480
accaggaccg gcgtactcga accaaccgtt tacatggttg ggttacactc aatatttcgc 540
caacctaagc aagattaacg agcacatgac caacagctgg gaagttgcgg gtgactccat 600
caatcctaca gacaccgaag ttaacgaagt tctgaaaacg agccataatg ataatgcttt 660
cgtctn 666

```

<210> 6171
 <211> 697
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(697)
 <223> n = A,T,C or G

<400> 6171
 tggagatata cacagcatct tatcgccgac taaaagcgca accaaaggca catgaatccg 60
 atctcggata ttccacactc ctgcagaaaa tgaaccgttg caacgaactt cttgactcaa 120
 tcctagttca cgaaagtcac acacgaacta ctacttacta gttttgacaa gcgttcgata 180
 aatcaaagta agaaagtga atcaggatct cgtatctgct tagctagtca agatgtactc 240
 caaattctgy ccaaaagggcg gtcttcccggt tatcctgcac cattataccg aaacccctcgt 300
 cacattcgaa tacacaacct ccacagtcag aaaaccacac agtctcctct tcgtcggcgg 360
 tttaggcgat ggcttcgcaa caacatccta catggcggac ctgcgcgacg cctccaacc 420
 aacagaatgg tccctcttca cctgaacct cacatcgtca taccaatcat ggggcctcgg 480
 ccattctggac cgcgacacga acgaaatcgc ccaatgctta aactacatta aagaatataa 540
 gaccgagaaa ttcggaacag gaaagaacgt cctcatgggg cctttcgaca ggtagccagt 600
 gcgttgtgca ctacctnttc ccggcctaac ccgcacacca atacttcctt atttcgaccc 660
 gaacgctgag catattttaag cgcattgtcc tttgacg 697

<210> 6172
 <211> 698
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 6172
 gctacatcaa cagttctaag ntccaactcc cacatctata aaccgccatt acccatagat 60
 gaetctccaa gccaaactaa tccccacccc gggcacaccc ccaaacgtcc acaaggacgc 120
 cctgaaagtc ttccaaacct tccaagaagg cggcatagcc atcgtcccca cagaagtagg 180
 ctacggatta atcgctcctt ccagtgaagc catcaccgcg gcctttcacg ccaaaacgcg 240
 ccgtccaggc cacacacaag gcataatcgg caactacgat gtccataaag cgctgcacat 300
 tctccccgag gagagattca atatcaccaa ggctcctaag cactgatctag acatgtcgct 360
 tgggatacatt gcgccatata aatccgacca taccgttttg caaggcatgt cqqcggagac 420
 gttggaacag acgactaagg atgggaatat ggctattcat gtaggtggag ggtaacttct 480
 gttggaggtt gtgagattgc attatgaggt gggaaaggtg gttgtgggtt ccagtgcgaa 540
 tgtgacccgt aagggaacaga agttccgggt gcaggatata gaggagaaga tctntgaggc 600
 ggcgatatt gtggttgatt atgggttgca gcggtatcat atgtattgga aggcgagtat 660
 attatttgat tntgnngaga tgaangttgt gaggatgg 698

<210> 6173
 <211> 799
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(799)
 <223> n = A,T,C or G

<400> 6173

ccgataatcc	cgatgagtat	gactcctatc	ccgtctctcc	ctggacagga	tcgtcgagga	60
ttaaaccgtc	tagttccttt	catcaaacca	cttgcccaca	aggggctacg	ctcagtcac	120
ctgtttggcg	tcccactaca	ccccctctcg	aaggatgcac	taggtaccgc	tgcagacgat	180
ccatctggac	cggtaattca	agctattcgc	ttgcttaggt	cgcggtttcc	tcaactttat	240
atcgtgacag	atgtgtgcct	ttgcgagtat	acttcgcacg	gccactgtgg	gatactgcga	300
gaagatggga	ctcttgataa	tacacagtct	gtggatcgga	tttcggatgt	tgctctggct	360
tatgctgccg	ccggagccca	ttgtgtcgct	ccgtctgata	tgaatgatgn	gcgagtgcgt	420
gctataaaac	tgaagcttat	tgaagccgng	atggcccacc	gtgtcctact	gatgtcctac	480
agcgccaaat	ttagcggmnt	gttgacggcc	ctttcgtgat	gcagcgnggt	cctgcccatt	540
cattcgggat	cgcagatgct	accagttacc	accngagcc	cgngacttgc	tcggngcgct	600
atacagagag	atatagccga	agggcagaca	tcataatgg	aaggccgcga	gcagttactt	660
gacattatca	gggacgcaaa	agaaatgcc	aagccatccc	attgctgctt	acaggtcagc	720
ggtgagattc	ctatgaacat	gctgnggcc	aggccgncgt	ttttgacttg	gaaccactgg	780
ccttgaaaga	cctgaagg					799

<210> 6174

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 6174

caaggacggc	aaggctcgctc	ctatccagaa	tgtttaagat	tactcctaca	acttggccaa	60
ccagctcggc	tttggttaaca	acaatgactt	cgcttgagctc	atgcgtttgt	acctgaccat	120
ccactctgac	catgaggggtg	gaaacgtcag	cgctcacacc	acccaccttg	ttggtagtgc	180
tctgagctcc	cctatgctgt	ctttgtctgc	tggtctgaac	ggattggctg	gcccccttca	240
cggattggca	aaccaggaag	tgtttaactg	gctcacaag	atgaaggctg	ccattggtaa	300
cgacctcagt	gaccaggcca	tcaaggacta	cttgtggtcc	actctcaacg	ctggccaggt	360
tgttcccggg	tacggctcag	ctgtcctgcg	taagactgat	cctcgttacg	tttctcagcg	420
cyagtttgca	cttcgcaagc	tccctgatga	ccaaatgttc	aatctcgtca	gccaaagtcta	480
caagattgct	cctggcgtgc	tgactgagca	tggcaagacc	aaaaaccctt	tccccaatgt	540
tgatgctcac	tctggtgtcc	ttctttcata	ctatggcctg	actgaagcca	actattacac	600
cgctcctgtt	ggtgtctttt	gtgctctaag	tgtctgccta	actgatcatt	gaccgcgccc	660
ttggggcccc	attgagcgcc	ccaagtcttc	aacaacgag			699

<210> 6175

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<400> 6175

ctaaaatcaa	caagattgtc	caagaatgga	gagtgccgac	cgaggtggcc	atggacatta	60
taaaattgtc	cctcttcgat	atcattcttt	acgtggatga	cagtggatct	atcgaatttg	120
aggaaagagg	cgtgagaaaa	gaacaactga	ggcagatcat	tggcatcggt	gcgaccgctq	180
catctacctt	cgacgaggac	ggcatctctg	tgcggtttat	gaactccatg	gaaagagggtg	240
acggcatccg	caatgcggat	gatgtcaaca	tgttggtctc	acgtgtccgt	ttccaaggtc	300
tgacgccgct	ggggacaggt	ctgaagaata	aggttctgga	tcctcaggte	gtgggacctg	360
cccgggcagg	ccgcttacag	aagccggtac	tgatcattac	cattacggac	gggcagccag	420
ctggtgaacc	ccttgactgc	gtggctaaact	cgattcccta	tgctgttgac	gaagtatcgc	480
ggaactccatt	tgggcgaagt	gctgtttctt	tccagttctc	gcaggtgggc	aatgattttca	540
aagcaactga	attcctatcc	aagttggacg	aagacccaan	catlqgaaat	ctgattgact	600
gcacttcaaa	ttccagggtc	gaccaagaca	agatgt			636

<210> 6176

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

```
<400> 6176
tgctgggtcgt gtcttctcgc ccgccccagc tctcgaaaac aagcaagtta acgacgtcgc      60
cgacccggca gaagccgtca gccgcataac gcaaaacccg tcccacattg aaaaggctcg      120
caaaggcgag gctgagcagc aagttctcca gcccgcggag gcccgatttc ctcaccccca      180
ccttgtcgcg cagcagcgt tccgtcagtc taggccaaact gaataccgcg agatcttcaa      240
ggcatacaac gaacgtctcc gtcaggagga aaccgcagaa aaggagcgga agcgctcgc      300
caaggagcgt caagatcagc aactaacaaa ggtccagccc gagtcttcgc gcttcgaatt      360
ccgctttaag gacgtcgtcg tcagcaagga gacaaccggc acagacggtc gtggctccaa      420
ggcccccggt ctcagatacg gtgtccctag ctacgagcgg aagaaggggc aggttaagat      480
ccccacgcgt gtggaggtct aagggtccgg ttatcaccgc tagtcgggat actcttcggg      540
tctctgtctc tataacaata cctcttatct ttcttacgtt cttggatttc tatgctcctc      600
tgtacaaata tggatgtgat gggtcagcgt tcgcttgtag tataattgaa tcgaattgac      660
gtcgtnaaga ct                                     672
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<210> 6177

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6177
cggcacgagg ctgtcctcgc tctgcactgt gcttggcctt ctctgtcaat ctcataccca      60
acctgaacat cttcatctgg atcgatctat ccataactgt gaaatcgcta ttctcgtctt      120
cttctcctgc tcttgcttt tatagtcatt cgttgaaatt cattatctta cgaacgcctc      180
acgatggttc tcttgagttc cttggccgct gtgcccactg tagcaagtct cgctacatgc      240
cagaacacta gcactatcga cccaagcact gttttagatt cgacgagaaa gcaatggtgc      300
gaatcgcaaa cctcagcttg tctctctatc tgtctgcaac tgccaggggc ttccgggcgc      360
cccaaggaga acaaatgcga cttcaaatcc cttgtatact cgtgtatctg cagcaacaac      420
cagtcctcca acgcactga atactcccag acaatcccct actttgagtg cacagagaaa      480
aacaaccaat gcgttaaaaa ctgcgacggt gaacaacagt gccagtatga ctgccgtctc      540
aagaaccctt gtggtgctca ggaccccaag cgtgtcaaca ctaccacttc tgcaactacc      600
agcaccgctc aagcgaccac ttcgctgcct cctttcactg gcgtccctga caagaatggg      660
gtcgccctca ggccatcggc agatctgaat catatctacg gt                                     702
```

<210> 6178

<211> 516

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(516)

<223> n = A,T,C or G

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<400> 6178
cgaggcgagg ctgccatctc cccgaacact gcaaagccta gtgccctgcc tactatgtcg      60
ggcgccctctc gtcctacgga agagtccctt gcttctccag ccaccaacgg tgtcacagcc      120
acggccaccg aacaagctac acagccgtcg tccactgttt caacgcagtc gaaccagacc      180
actcttgccg ctagcagtag cctctgtcga cagttcagcc gatccgcttc catctctgac      240
tggcagatgg ccgctgcccga ccgctcgaag aatgcacccc catctactcc tacttctctc      300
accgggggata actctaccaa gcttgccgac gagcaaacctg ctccggccag ctaagacctt      360
cgccgcttct ttcattgctct tcatgtagat ttcttcatct ttacttttct actgggtttt      420
cttctcctac ctgtgattgt attcactatg gagataatga tttgggtgtc gcattgggaa      480
annaannnnn nnnnnnnnnn nnnnaaannn ttctct                                     516
```

<210> 6179

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 6179
 gactatcgct cccgctgcc aacatgcctc gtacgggtatc tgaagctcgc gacaagcttg 60
 ctggctctgc tgccaagcct gcgcccccca aacccacccc agctcctggt gaaatgccag 120
 aagaaaagga ggagaacaag atcttcacgg tcaaagggct tggaggcccg cgcaaaccga 180
 agagcgaaga agctccgctc ccagaggggtg acgattctag cgatgtgata cacatcgggg 240
 agaaaccgtc taagaaacaa cgccgggaagg aaaagaagaa caaatccgcg tcgcagactc 300
 cacagcccga ggagaagaag gaagaagctg agccctttaa ttatgaggcc gctgactccg 360
 tcttacacgc acagncagcc cagaccgcca cacttcacaa gaaacggcca ttcaacccat 420
 acaagaaggc gcttgaggca ccagtgagg tgcgcaagca gaagcgtgag acccccggca 480
 agtcattcac ttacagggtg ttacattaga aatagatctc tttgtctggt cttatgtaca 540
 agagattggt tgcgctggta caaaatgttt tgagtacata acgatacccg attaatlgga 600
 gaagtaacga atcgaaggca ttcattatag tentcgnnnn nnnnnnnnnn nnnnnnnnnn 660
 nnnnnnnnnn naaaattcct gcggcn 686

<210> 6180
 <211> 306
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6180
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 ctgggaatca tcttctccct cctcccctac gactacccaa ttctctggtc caaccacccc 180
 accccaccca cccactacga ctacttcgaa gccacctcc gcttctgca cgcctcgccc 240
 cccctaacc cccgcactcc ccacatcgtc atcttctcgc gctactcgg cctaatectc 300
 aagctc 306

<210> 6181
 <211> 689
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(689)
 <223> n = A,T,C or G

<400> 6181
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 tctccactt ccactctac ttcaacctct ctacctctgt ttactagcac actcgtttct 180
 gtcagcactc ccgtgagtggt ctccagcaca atgggtccaa ttcttctctc ttccggcaggt 240
 aacaatectt ccggaacaac ttccgggttc ggcaatggca atgggaatgt cgcgggtaac 300
 atcttgggtg ttgccaaggc caccgctgct gggaaatgtg ctacctcggg gctcaatggg 360
 tatgggattc cctttacacc ctgcccgttc ggaatctggg gttactccgg caaaacttta 420
 atggaaactc cgggggggaaa ttttgggggg gtccgcgggt tctgaaccga ggtcaagtat 480
 gagtaatagg ggccaaaagg gtccaaaagg gcggcctggg taacggggca acaggggatc 540
 ataatectca ggccgcataa acacctcgta caagtgggtt cccctgggtg gaatattaag 600
 attgttgccc ggggggacaca aaaagggggc ccgcccgtg qgggggggtt gttgttgatc 660
 accggggggg gaaaactttt tctttttttt 689

<210> 6182
 <211> 678
 <212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 6182

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ccaccccgaa	ggccccgtgg	tcattctccat	cccggagagt	gcaaagatcc	acatcgtcgg	120
caagacaaac	gcagacttcc	gccaaaaggg	caccgctcag	gagattggca	aagacaagta	180
catattcgaa	ggcagcgggt	aaggcaagct	catgaccctt	gcgggaggaa	acgagagcgt	240
cgaccttgag	cctatcaagg	gcactggatt	cgcacatgg	aaaatcgact	tccagaactc	300
cagttccggc	gcagaggact	cctttagaat	gtcgaaagtg	ctgcgtccag	tctacaacac	360
cgtttacgat	gagaactaca	aggttcgaaa	aatggagtgg	gagattgcga	gtgaagataa	420
caattgatgat	gattacaacg	atgggatcat	cactgtcagc	gccgacattt	gagtggcttc	480
aatttggggt	tggcgaagct	ttaaggacat	accgattgaa	ctctagagtg	ttggactttc	540
ttgtctctag	cattcgggtc	tccagtgcgc	ttgcctccat	atggctntcc	tggatgaaac	600
gcttctgagg	gtagcgtttg	tggatatgac	gtgatgtcaa	atacatactc	aatgatatat	660
accantgccc	cttactat					678

<210> 6183

<211> 718

<212> DNA

<213> Aspergillus oryzae

<400> 6183

ctcagctgag	gcccgtcttg	actggtcgga	ttaacgttca	ttttgaaaat	gtttttgcag	60
tctgtcttag	cgtgtctcc	ggcgtgccc	tctctttcga	ccgctgcacg	actctttgca	120
accactacg	atggcaacgt	atactctctc	aacttggagg	agaaggcgga	taaattctcg	180
ctcacgaaga	cccacaattt	gaccacatgc	ggcgtgccc	gctcgacgag	tgcgtgaca	240
gtagactctg	cccgcgggct	cgtatggtgc	gttggggaag	gcactccgg	tgcattaacc	300
gccttgaagg	tctggaaaga	cggaagatg	ttcgaggaag	tctgacgggt	agagacacct	360
cctggcggag	tggacagtgt	cacatacggg	atagataaac	agttcctcgc	gatagcgcct	420
tatggcaact	cctccatctc	actcttcaac	atcccccttg	cggacaagca	gcaagtgaag	480
cccttcgacg	tgggtgaagtt	gcccccgccc	aaaaatgtca	ccgaaaaaca	gcccgaagtcg	540
caaccccac	aagtccttct	cgaccccacc	gaatcgttca	tctgtcgc	tgatctggga	600
tccgatgtga	tgcacgtgtt	gcgattgacc	acaagtcggg	taaaactaac	aagtgcgggt	660
ccaactcgac	gatctactat	gataagggga	agcggggccac	gtcatggagt	gtttgtga	718

<210> 6184

<211> 738

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 6184

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ctccaaacaac	ccctctccta	aggttccatc	gggtgtacaat	atcagacagt	ccgcctcctc	180
acatgattcc	tccaattctt	gttctccatc	atctctcatc	gactcacacc	aaagtcaqat	240
gcgtgtcttc	aattggcaca	cgccggaacc	gtcatcaaat	tcgctgtgta	cgaagcrtaa	300
tgacagtgtt	caaaatcctc	atgcttgtac	ctatagcacc	attgatgggt	aggcctcctt	360
ctgcgcacaa	ctcggcatgg	cgtgcggcaa	tatcaataac	cctattccag	ctgtgagagg	420
caaaagcgag	agcgtgtcga	ataccccag	ccaaccacaac	aacaactacg	aacaaacacc	480
cggacctgga	ctggaacctt	tggcgcagca	gaatgggggt	cagttcgatc	cagtgtctgt	540

cgagagactgg	cgagaacctc	aagatgcaat	tttgtegcag	gacttcggta	ccttctttga	600
cgatgccttc	cccttgccgg	atctgggaag	tccatctcac	aattttaatg	aggtggctaa	660
ccgcagcca	ccgaagaagg	atttgattgc	tgaaatcgac	aacanattgg	atgaagaggt	720
ggttgccctg	gaggacaa					738

<210> 6185

<211> 1345

<212> DNA

<213> *Aspergillus oryzae*

<400> 6185

ggggttgact	tcccttactc	ttaacatttt	tattccccc	tatactatca	gtctatagct	60
cctcactccc	ctcttgatcc	tctctcccat	atctctttct	agtcctttac	ccctccaata	120
tgctccgcaa	gtcgattctc	gaggctgatg	gcaaggccat	cctcaactac	cactcactc	180
gtgcccccg	catcaagccg	actcctcttc	ctccttccct	cactcacaac	cctcccgcct	240
gtctcgctc	tctctacttc	cctgaagacc	gtgcggtcaa	ggatgtcttc	gaccaggccg	300
aggtgacct	cccggtggctg	ttggcctccg	gtgctaagtt	cggttgctaag	cccgacccaat	360
tgatcaagag	gcgtggcaag	agcggctctc	tcgtcttgaa	caagacctgg	gctgaggcta	420
gagaatggat	tgaggctcgc	gccgctaagg	acgtccaggt	tgaaaccgct	actggcgttt	480
tccgtcagtt	cctgggtgaa	gcctttcggt	ccccaccctc	aggaaactga	gtactacatc	540
aacattcact	ccgtgcgtaa	gggtgactgg	atcctcttta	cccacgaaag	tggtgtcaat	600
gttggcgatg	ttgaagccca	agggcagaaa	cttcttattt	cttgtcaacc	cggagaacta	660
ccctctgaat	gaggagatcg	ctgccactct	cttgaagaag	gtgcccagcg	gtgtccacaa	720
tgctctcggt	gacttcactc	ctcgctctgta	cgccgtctat	gtcgactgcc	agttcaccta	780
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cctcaacccc	aaggggccgtg	tctggacctc	gggttgctgg	gggtgggtgct	ccgtcgtgta	1140
cgccgatgct	attgcctccg	ctggcttcgt	cagtgaagtc	gccaaactacg	gtgagtactc	1200
cgggtgctccc	accgagactc	agacctacaa	ctacgctcac	accgtcctgg	acctgatgct	1260
acgtgctcct	attcaccccc	acggcaaggt	tctcttcatt	gggtgggtgta	atggcaaact	1320
caacaacggt	gcttcgacct	tcagg				1345

<210> 6186

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<400> 6186

gtcaatacga	gggtcaggcc	aacaagtacc	tggtccaaca	gtcgatcatg	caaaacgagg	50
tcatttttcag	ccgagaaggc	ctcaggttgc	tcaatgtcga	ccgaatctac	acattcaaac	120
ggcggtctgtg	catcctttcc	aaccaaggca	aaaatcccga	agcgtcctgc	gtcacatcct	180
gggtgcagct	cctgcacgcg	actattgggg	attttcaggg	tcgcccgttc	agtaaagcat	240
tcttccaccg	cgtatatgaa	cagctcgacg	tgccggacga	actcctgacc	cacatcgccc	300
aaacttataa	gaagcagttc	ggtcagggaag	ggatcatcct	gccgcccgcg	gccgcccgcg	360
agcacagcag	ccggaactcc	ccgaagcgca	ccgttcgggc	gcgcatggag	gccaatccgc	420
cgagatatag	ggctgcttcg	gctaagcggg	gacccaagac	cccacagtct	gctttctgatg	480
ttaccccgat	taagaggaag	gagtgggaac	tcttcaattc	taattcggag	cagactaagc	540
cctccgtcac	taaattggag	cccgctcgccg	actgtttctg	ccgcccgttg	atctatgaag	600
tagacagcta	gatgtcgacc	ggcatcgcat	gcttaatcct	tactttccta	tccccaagtt	660
gacagattac	cgagcgtgct	gcttcgttgc	ggctagaaca	ttccaag		707

<210> 6187

<211> 604

<212> DNA

<213> *Aspergillus oryzae*

<400> 6187

cgagtgaagc	ttttcggtat	cagtgatagc	tgttggttagc	gatggcgaga	cgtacacgcc	60
ctttgtttca	caaagacgag	atgtgctgcg	gacgggtgat	gggcagattc	cgatgcagga	120
ctgatcgcaa	cggtaataga	catcggtatt	accgcttctg	tagtggatgc	aaatggcttt	180
gtgcagatga	ttgggaagga	tggcgacaca	acaaccctcg	ttgtaggtgt	ggtgagcgta	240
gtcggaaaca	acatgagcgg	tcggtgaagc	atttcaetta	tcgatgtctt	cgggagcggg	300
gcagataccg	gggataagag	gggtctatac	agctgggttg	tgttgctgct	attgggaagt	360
ggcatgagtg	acgaggtgga	gaaagggttc	ccacgggtatg	gaacaggatg	gtaggatagc	420
catacagtga	ttccatgttt	ttgtcctgtg	tgccattgcg	cttgtcaatg	ctgggggttg	480
cttttatagc	aagggaaaca	gaaggtggag	gggaggggtc	atattgataa	attgctgggt	540
gtgcttgttt	ctcaatttta	gtggatgctt	catctactta	gctgcataat	gtatttcgca	600
cagc						604

<210> 6188

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 6188

cgatcacagt	ccccattct	aatccaacct	cagatccaag	tgccgggtatg	tcggagaagg	60
atagtagcgg	ctcagggtta	agtggaggcg	caattgctgg	cgtgggtgtc	ggctcgattg	120
gcggcttggc	tgtattata	gccatcttct	tcttgatatt	cttcaagaaa	cgtcagcagc	180
gttcaacaag	cccaagtcg	agcgtctcca	atggcttgct	agatggtagg	aacagcaaa	240
gttctcagat	gagcgtcgcg	aaccgagcgt	tctcggacaa	ccacagccat	acgttatctg	300
ccggatcctc	aagattacca	acgtttaccg	atactcgctt	gaagacggat	actgtactgt	360
tcgcaggcgg	ccgtcgtgac	agtgaactgt	cactccagga	caacgaagac	tattctcggc	420
cagttcttcg	gcttacgaat	cccgaactgat	ccgttccaac	aagagattct	ggcttctttc	480
ttttgtcttc	cctttttcgt	tggcaactcg	attgtgcgtt	cggcgattat	agcggcttat	540
gatacccatt	ttcacatata	ccatctaccg	gatccgggac	ttgacagctc	ggactcctcg	600
ggcgcgttc	gcttggaggg	gcttaacggg	ctcccgtag	tgcattgggtt	tataattctc	660
gccatggaaa	caaccagaac	gctatgaatg	tcatat			696

<210> 6189

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (695)

<223> n = A,T,C or G

<400> 6189

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aacactatac	cataaaccca	acattcaaac	cgtcacaatg	gctacaggcc	cctcgccctt	120
ccccccaaca	ttcattctca	attcgaagtc	catctcccaa	tcagcggcgc	atgactttct	180
cgctgcctac	atcgacctcg	ccgctacaga	ccccgcatat	caacccaacg	ccggaatcag	240
cgagcatggc	ccggtttcgc	gtaccacagc	cgctgcgcct	aacctcacga	tacacaactt	300
gaagcgcgtg	aaggccggcc	tggcggggcg	ggtcctagga	cgcgatttgg	cgctcgctaa	360
gctggaagag	ggagatgcgc	agcaacagca	gcaagtgggg	gcgaatggag	actgggagga	420
tgcgaagaag	ttccaggagg	gtgagaatgg	cgatgcgcgt	caagagagga	acgatgcgca	480
ngggcagatg	gaggtagacg	atgcggaaca	ggatgctggt	gctcttgata	aggaggaaag	540
gaagcgggaag	aagaaagaga	ggagattggc	agagaagaag	gcgaaagcga	aggctgagac	600
tcaagccgaa	gagtaaatcc	ggcggcaaa	ggaaagacag	tgagtaaaaa	atagaaaaag	660
aaaaggcttg	tatgntctc	tgatttgaag	gattg			695

<210> 6190

<211> 929

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6190
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gatacatcgc tgcateccgt cattctatga actcgccatc accttgcatc attcgaccgc 180
ctgtccccga tacagtgtca tgcacatccc tgcagcatgt cccgccaag tctcagtatt 240
ggaagtgact cctgcgaag ttgtctagcg ccccgtagtc aatcgtccga ctccggatcc 300
gacatctgtt acgacacagc cctgccaccc atcaactcca agcagttgat tctcaactct 360
cgatcgtgcc gcggtccga tccgtccatc gtggtaggaa gttttcgtgg aaacccaaaa 420
gccgcagcag cctcgggttt cgcgccggac atgtcgagca tgacgcgggg gcccaatgcc 480
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gaatcgcggc cagagaagga cacaacgaat tacgcgcgcg tctcgaattc attgaaatca 660
aaatacagca acccgggccc ggacgagctc aaagatccga aagcttttga agatacatta 720
ttaaagctcg aaatgaggcc accccgaacc cgcgagcca cgttgcccag cttaatcttc 780
tcggaagatg accagtccc tgatgccctg gatgcgttga ttcattcaga cccgcgcgac 840
agtcgaaagt aaaacccccc gcctcggcga acatgatgaa ctgacagggc cgagcttctc 900
gcgcagctag ggaacgctct acggagtgc 929

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<210> 6191

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

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accatctttc ctgtggcaaa tggtcaggat ctccgggccc tagggtagct ttcggatagc 180
ttgagtgcgc caaaagagag cattggtaat gctgattccc atgtcatctc gaaaactcca 240
catggggtta catccgccga gatggaggat gccctacggc tcatccctgc gaaaccttac 300
acagatatat tagtgcagca ttttctcaat gaaacgaact atcagtacta cagtatatac 360
cccccaacat tctcccgtag ttactctaca tgggtggttg gcaaggtaaa ggggcagccg 420
ttgactgctg agttcacatg tcttttgta cgtgtctgtg catgttctgc tcttgtcctt 480
tttccagggg agcgacagaa actagaatct gaattaggag aaaatattca aagcctttca 540
gagcgttacc accatgctgc caggcgacta agcagcacta tccctccagg gaaagggggc 600
ctgacacagg tgcggcaact attcctcacg ggctcgtggt tcaagaccga ggctctgnnt 660
cgtgagtcgt ggcattgctct taactctgcc atccacgaag cccaagaact a 711

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<210> 6192

<211> 522

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6192
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ccacagccag tggccgagga gccagtcgct agacctccac caactacctc cgtagccgtc 180
tcgatctccc tggctactgt cctgtccgtc cagaagaaga tccaagagac tttgggtggt 240
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cgttcgtctc gcgagaagca gtccgccgac gagctgttcg atgaggttct cggcgcaaaag 360
ccatccaga catcccgggg cgattacgtt cctgagttga acgtagttga ggccgctccc 420
gpcgttcagg cggccaagcc tgtaaggaa gacatcatcg atattctcag cggcaagggtc 480
ttcaaagctt gtcccccgcc cttgggggtg gaggtccgg cg 522

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<210> 6193

<211> 584

<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 6193
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gatttgtggt cctgttttag ctctgttaga ccaatctgcc ctgcagcagg ccgttgatgg 120
tgtacgaatg cggatcaga cgtccagaa gcagcaagct gcgcagcctc ctccaccggc 180
aacgggtgaa gaagaagacg atgactatga gcccgaaat caacccatgg acgtgcccga 240
acaggcggca gaggaggaag acgcactgtc ggctgaaccg gccgatcttc agcccgaactt 300
ggtgtcactc ggtccttttg tgctcccaca accttcccca ctatcagaaa atgaggctgc 360
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gccaaatact gganaaggaa agagccagca acacctaggt ttctcgaggc tggctggcag 480
cacctttgat cgggacgcct gngtaacact actcacnaga ctgcgcagc gggcgccctgc 540
tggttagagg tagaccacaa gaagaccgat caagaccgct cggt 584

<210> 6194
<211> 520
<212> DNA
<213> Aspergillus oryzae

<400> 6194
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gacatgttga gtatcacatc gagacggacg aagaaatcag cccccagtgc cagccagctt 120
cgtaagaacc cggaaatcac tttgaacaat ggtggtggtg gcaggcccgg gtcgtccttt 180
agccgatact tcagaggaag gaaacgtacc agcgatcgca tcatgcagga aatccctggc 240
cttcacgatt ctctcatgga caatcctatg atggcgctact catcgaatcg atatggagcg 300
gtcgacagaa accacattca ggccggggtcg cgtgctaact cgtgacggc cagccgaatg 360
ggtgactatc caccacatcc ttaccagacc agtaggagga acagccagtc tccggcgact 420
cctccctacg gtccgcctgg cctcgaatg ggccgaccag gaacatctca agatccaagc 480
ctatggccaa cggaccgggc cccggggggg ccaacctttc 520

<210> 6195
<211> 658
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 6195
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gatgcattcc agaagccatg ccgaagccga cattccctta gaaggcgtct gaaggagtcc 120
ccactgttaa actatgcctc tatgaacctg yyacaglatl gtggcttaca ggccctgct 180
ggtttcgtgc tcgggaactc tgaattggac gagataatgg atttctttgc aacatgtgct 240
ctacacagtg gcggttaact taggtcctgg gtccaggtec tgatccctga ggctgctacc 300
gaagaagctt ggtcaacaga gccattgtac tatgcggctt catttggaat gacgtcgtc 360
gtggaaaggg ttatcaaaaag cggcatcaat ttggactccc ctgggtggccg tcacgatgct 420
antgccctta caqtgcgctc atacaagggc cagctcgag tggtaagat gctacttgag 480
ysangtgcag atccgaactt gaagattgca tgggaracag gtctcggtgg gcaaagagaa 540
aggcaccgca aggtgaacgc tttatggcat ttgtcgtaag tcatttgaac aatcaagtac 600
tcggtaggaa ttgacacagg ccgtaccaac aggaactcag gtcataaaaag gcttatta 658

<210> 6196

<211> 690
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(690)
 <223> n = A,T,C or G

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catcacggag caatcgtgca tcttgggatg ttccgagagg cccatccaac ctgcggaggt     180
ctatggacat aaaccgtcct tctgttgatc agggttacat tgccatggat gttgatttgg     240
cggaacacac gctgtgggtgg gcgcaaccga ataatcctcc tctgccttc caaaacagga     300
aagatgttct gttcgaattt gaagattccg gccctgcaaa tcgtagcggg agtagcacgg     360
ttaccaaaaga agtctatatt ctattcctcg actactctca aactataatc accgtgaact     420
tcgatgctcg gaatccttcc gatgcgactc tggagcaacg ccatgaagct ncccccttc     480
aacctcgcca ggaccaactc gaaaatgcac atctccaaat cggaaccgcg atcgccactg     540
ctgtgaacgg catncaaaat acaactgttg cagatggcac tccgattcgt gctattgaag     600
acctgtctag gccattaca gatgccctac aactgtccg gacacgtgcc taccgtgctt     660
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<210> 6197
 <211> 739
 <212> DNA
 <213> Aspergillus oryzae

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<400> 6197
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ctgtacaggg tgcctggcgc actggaattg cgggcgggtgc cccgcgcct ccatctgcca     180
tcactgcgcg cgaggccgct gctcgtgaac gtgaagatcg tccgcctct gcaatgaagc     240
gtggcccgca gtgggaagcc gagtccgcac cggttaagaa gatcgccaat gaggaaagcc     300
gtgctcgtct cgatgaacag ctctcctcgtc gtgtcactcc cccaaaccgc atgccttccc     360
ccggcgagat gcagcgtcgt agctcgtctg aagttcggcg cgaagaccaa cgtcgtatca     420
atgaaagtta tcactccttc gaggcggctc atcaccctcc gacgctgcca tccattcagc     480
acatgccacc acacgcctct ggctctggtc ttctccaat ggctgaaggg tctactcccg     540
cagccaacgg tccacagccc ggaccttctg ctctgtgca ggttaaggaa gagccggccc     600
ggggcgagca acctccggct catgaaccag ctgcacggaa gatggacgtg gatgagaact     660
atgatgacga tgggtgatgat gattaaagag ccagcactgc tgtaaagggc agcccatctg     720
ccaccggatc gggcaatgc
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<210> 6198
 <211> 671
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

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atggctcaga gcgctgtcgg tgccgtgact ggcaactccg ctactaaggc cgaaggcgat     180
gctcccagc aaaaggccgc cgcgaacac gatgccagcc acaccaccgc caagctaggc     240
cccttctctg ccgaccccaa cactggcgcg acagccaagg accgtgagca gcgctccacc     300
ggcgccctggg atcagactgt cggctccgcg aaggagtctc tgggaaacct catcggtaac     360
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gagaacctgc	gcaagcaggg	cgaagaccag	aacctgcgtg	gcaaggggtgc	cgaagctgag	420
ggacagctga	aggatttttg	tgagggcgct	gccgatcgtc	tgcaggggtg	tcttgaaaag	480
gcgctgctgc	tgctactggg	gatcgccagc	aggaggcgaa	gtggactcag	attcttgatg	540
aaggcaaggg	taaccanagg	ggggctgaac	ttggattgca	aaaccatgct	tagaatggac	600
tttaccgtca	atatttttga	tacccttgca	actgggatga	atataatggg	ttacggaatt	660
gatgggtttg	g					671

<210> 6199

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 6199

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agagctctgt	ccctgtcggg	cttctcgctg	ttcgtttgca	cagtaactct	tgctgaactc	180
accaacaaca	aacaagcccc	aagcgcaact	ccgccccaat	gtattctcgc	aaccaggttc	240
tagcagctct	tgccaccgct	ggcatcacat	cgggtgaacgc	cgccatgggt	cccgcactta	300
gtactggccc	gtttgcgtcc	aactcgttca	tccgcgaagc	tacttcgacc	cttatcctgc	360
caaaaggacc	cagcggagga	tctacggacg	ccatcacctc	cctatgggtg	ggtatgggca	420
cctcgaacgg	tgacttgatc	cagtcatttg	ccgacaattg	gcaacagagt	gactggacga	480
tgtatgccta	cacgctcatg	aagaccagcg	acacctcaca	gatgcccaatt	tatggtgatg	540
gccangagaa	tgctggcgag	ggggacaagg	tgacgatgca	ctacaaattc	gacgatgccc	600
agtggaaact	cacacagacc	gtncaaaatca	acggcgagac	tgtctcgacg	ctcttcaaca	660
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<210> 6200

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 6200

gacatataac	aacttctctga	ttcttcttca	tccggccacat	ccaagagctt	ccgcataatc	60
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catattcgag	gaactccgcc	tcaacgaccg	gctgaagtgt	ttgtgggtact	ctggagtgc	180
tacgctcttc	acagcaatga	ttcaagtctg	ggtggaactt	cgattctcaa	atcctgtcct	240
cgcaatcaac	gccttgccgc	gcttcgactc	ggcctcatat	tctctccgtg	aacttgccga	300
gtattgggtc	caagcccaaca	ccatcttaag	gttatctcaa	gactctaaac	gactccagga	360
ggacttgoga	atggctacca	gcgaaagacc	aagacgattc	agcacacatg	atcaaaaata	420
aaacacaact	aatccctcta	atcctcatcc	cacccccacc	ccgaatctca	attcaaatat	480
caatatacag	agcgcgccaga	ccgagcccg	acctccatac	gaagtctcta	cccctgaatc	540
tccgcgtatg	cccccaacca	ccatgagtc	acatcagaac	cagccattcg	acagctggat	600
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<210> 6201

<211> 817

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 6201

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cgcgtcccg	gcccgttcttc	ggcaatcgca	gttcctgacc	cggaggaccg	ctgtcagata	180
cgcctcctcc	accccggagt	ctgctcagaa	ggctagcgag	gctgcaccc	ctgtgcctc	240
caaggcatct	gaaggctctct	ctcgtgtcac	atccaccgct	ggccccgctc	tttccaatgc	300
cgcgccaggc	gtcggcagtg	ctctgaggaa	ggttgggtga	aggaccggaa	aagtcacgc	360
tttcgtcgat	tctatgatac	cccctaccct	ctactacgga	aaggctcggcc	ttgaactcgc	420
caagctcgtt	ttcgtggac	agaacatgac	tcctcccaac	ctggctacct	tccagtcctt	480
ctaccagcct	ctgatcaacg	ctttccgcag	ccctgccgcc	cttaagaacg	ccaacttcgt	540
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cgggtgttact	ctcgcggagg	ttatcggatt	ctttaccggt	ggtagatga	tcggtagaat	660
gaacattgtc	ggctacaggg	gccaccctga	gcaccaacgga	gaccactaga	tcaccgcga	720
gcactaatgc	atggcctgtg	ctttttatat	ttccttttat	cactgcgttc	tgtactattg	780
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<210> 6202

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6202

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tgctgaatgc	cggattacgt	ggtagagcc	ggattcgaat	gtgctattct	gccccctttc	180
ttttaggcgc	tcgttgccca	ttgtgtccg	ggcaccggcc	tatcaattgc	tttgttccta	240
tygctgggat	cacaccatat	actactcacc	accaggacct	aaaacttttc	acacctggag	300
caaatggccc	tatcagagac	caaattccca	cgggtaatat	atgacctcgt	ggttgaaagg	360
gcgcgccgtg	ccctgggtgga	gcgcactgtc	cgttaccctt	tttcagacct	aattccatac	420
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gtgactatct	ttggtttctg	aatccgctcc	gatatgcaaa	ctgcagcttg	ctgtcacctg	540
gagatgtacc	tgaaagcttc	gtattgggtg	agggtcgggc	ccatcatttc	tatcatacat	600
gtgtatgtgg	gcttttaatt	cgatcctgca	gataaaactaa	ttgctggctg	ttcaactgcc	660
aatgcaact						669

<210> 6203

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 6203

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cttccactcc	cacactgact	gtctacgaca	tcctgatgcg	cgagcccgta	tcggagaacg	120
cctgttcccc	caaccaca	aaaaccgcgc	agactctaaa	cttcaagttc	gtccccctaca	180
aaacaacatg	gatcgacatg	ccagacatcg	ccaaaaccgc	caaatecgctg	ggtatccccg	240
caagccgcaa	attcgccgac	gggagcgaat	tctacaccct	ccctgtactg	gttgacaccg	300
ccacaaactc	caaaatcggc	gactctttcg	atattgcggt	gtacatgcac	gagacgtacc	360
ccagtgtggg	cggagacctt	gttccctcacg	gtgtagagct	ggatttccgg	actagcaata	420
cgcacctgct	agttccgctt	tctgagctta	ttgaggttgc	gagacgggag	aggtacatcc	480
gctacctgaa	ttcaatacgc	atgggtgaacc	ccgggtttccc	gtccacacca	acctaaacgt	540
ttgggggtac	gtttaaaccc	gacactggga	agcctcaaa	gaggattttt	ttgggggggg	600
ggagccctct	tttgggggtt	ataatgtccc	cgtgaggaaa	aagggtata	tgaatctttt	660
aaaaaacctc	ggggaatttc	cg				682

<210> 6204

<211> 479

<212> DNA

<213> *Aspergillus oryzae*

<400> 6204

tgatggccgc	tcactatarg	gcgaatgggt	cacgcgcact	ggtggacacc	acagctcggt	60
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cctcatgggt	caggaccttt	cagcagacga	ccacatgctt	gcgtccctac	gtgttcgact	180
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agcagcagag	gggaatgcac	aaaaggaaat	gaagaaagag	agaagagatc	caaccgggcc	420
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<210> 6205

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 6205

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caccgctgat	atggatggta	tctcgagctg	gctcccgacc	atcaacggca	agatgaacgc	180
cygtagctca	tactttgttg	aggtcggaca	caacggtaac	ggtgtcatcg	aagccgctgc	240
cggcaaggat	gccgatgcct	gcaacggagg	tggcattgaa	tacgactcgc	ccgctgatac	300
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gagtggtttc	tatgatgcca	aatatttcac	aatccacggt	atcatccctt	ccgccattac	600
tgggttgca	aacggcgatg	cctttgcggc	ctggtacgaa	aacggattca	ccaactgtgt	660
tggtgataac	aatgcacaac	ggttctcaac	c			691

<210> 6206

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 6206

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ttgataggcg	gaggacagaa	gaattcaagc	actactctat	ttctttgcat	gaatattaca	180
ctgtcgcggt	agcgatattt	cccttggtat	tttgtctggc	ggaatctaaa	ctaacagttt	240
actgcgggac	aattaaaata	tgtccttcaa	gtcaaagaac	ctcgaatatg	aggcgaaaga	300
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tgcaggaag	agcaacgaag	taatatccaa	agaagaatat	gaagctctcg	ttcgcgacag	480
caataaggaa	gtcgaggaca	caggaaaagg	agaaccagac	caggaacaac	ccacatcaca	540
agataaagg	gaggataagg	caagtactgc	gcaagaagtg	cccatatcaa	aacagaacat	600
ggcagagata	ggaggacctc	agaagcgaaa	gcaggcggaag	gttattggcg	aagaagagcc	660
ttcagcagag	aaagaagaaa	cactgcg				687

<210> 6207

<211> 224

<212> DNA

<213> *Aspergillus oryzae*

<400> 6207

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tgtctgaggg	aggcagatga	cagatggagc	cacgaqtatc	cttaqccqtc	gggcgtatat	180
ggtcactcct	tgtcgacata	tctttccacg	cacatgctta	gaga		224

<210> 6208

<211> 674

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 6208

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ctccaccaca	agtagagcaa	tgggcaccgc	gagcccgtca	gctgtacaaa	cagttgatgt	180
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tgagttccac	ttttatcctg	gtaaccattc	agtggcgcag	gcctctttta	gcaagccatg	300
tcaccctatg	aatgatagca	gttttttctc	tggatttatt	gcgccaacta	ctgggtgaatc	360
ggacactgtc	ttcacgggtc	ctgtgaatga	cacaaaacct	atttggtatt	actgtggcca	420
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cacttttagag	gcattttaaat	cggcagcctc	gaatgcaaat	ggagacagcg	tgccatccaa	540
ggccaaggt	ggtactctca	gtacatcgag	ccccaaatcc	tctcgcacct	ctaccagtga	600
gacgagcact	cacagtagca	cagccaccac	gagcgcgtca	cccactacca	ccaatagccc	660
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<210> 6209

<211> 687

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 6209

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cggacgcaac	ctgcctgctg	aacgaggcta	caacaccacc	ggatccgaca	acccatacgt	180
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ggatgcgggc	ccatatcaac	gacagtccgc	ctacagtgc	gcgggcgact	atccccctgt	420
cataaacctt	gatgagatcg	ccgatgatgg	ggatgatggc	ttcacgcctg	tcccgaatgg	480
caagtctgcg	aattctaata	caagagcaat	tccggcagcc	gccgctgggg	gagctgccgg	540
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<210> 6210

<211> 524

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 6210

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tggttagtga	ggaggtctgt	cgggagcagt	atgaatatct	taagaccgac	aggttgtggg	300
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gagcgccgga	gcttgaccat	gggagagtgc	atgaggaatt	ataggctacg	aatgtgtata	420
tatactcgat	ggacctttag	atattcctgg	acatgttgca	aacgatgttt	gatatcacgg	480
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<210> 6211

<211> 815

<212> DNA

<213> *Aspergillus oryzae*

<400> 6211

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cgtggaaacc	ccaccactaa	gggttctagg	tcgagggata	gccccgcgtc	agacgtacag	180
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cgttctttag	ttctgaagtt	tcccagtggt	gtgctccttg	ttgatgtcta	gtgggaatta	780
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<210> 6212

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6212

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aaggaatatt	tcgacgagaa	caagaatggg	agggagactt	actatgggtc	cgaatcttat	180
cacgacgttg	actatatcta	cgattcggct	actggagatt	actacgacag	tgtcccagca	240
ccgttttctg	agccaatata	ccgtcgggct	atgacccctc	ctccgcgcct	ccccccgcgg	300
tttcaagggg	gaggttagaca	tatgccttcg	ggctctatcg	gtggcttttag	cgatcgaatc	360
aactccccag	gccccagctg	cttctcatca	gcttctggca	ggctgccagg	tgccccgaaa	420
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aaagatgact	ctataatggg	agctatcgac	tacgcccccg	ggaaaagtta	tagagaccag	540
agggaaagcc	gtccggagac	acctcttggg	aggttggaa	cgttcaqttc	accqatgcc	600
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<210> 6213

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(670)

<223> n - A,T,C or G

<400> 6213

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agcgaaaaag	accccgacta	cgacattact	gtccttgctc	gagaggccga	caaggggcgca	180

aagatctccc	aggcttacct	taaagtcgcg	gtcgtgcagg	gagagcttga	ttcggctgta	240
gttgaagaag	aggcgcaaaa	tgccgatgtg	gtagttaatg	cggccagcgc	gcagaacaat	300
aaaggtgcgg	aggcagtctt	ccgaggattg	actagctcca	agcgcacgaa	gccaggctac	360
tggatccaag	tatccggcgc	tactctcctc	tccgcagttg	atatcgaaaa	aggcgtttac	420
ggagagccct	ccgacaagat	ctacagcgac	atcgatgacg	aggaagatat	caaggctcta	480
attcacaagt	tcgcagccaa	gcgtctcctc	gaccatttca	tctcaacct	gcccagagact	540
gcactttcac	caaagacaga	cgtcggctat	cctctcatca	tctacggtcg	cgggagaggg	600
cccatcacgc	agcgaagtgt	gcacatcccc	gaactcggac	gctttaccct	ccataacaga	660
tccggatccn						670

<210> 6214

<211> 1093

<212> DNA

<213> *Aspergillus oryzae*

<400> 6211

cagataacgt	gacacaatgg	aggecttcaa	tctacacaa	tctctttctt	ccctctacat	60
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tcttgagacc	ggcagtaact	tcgggtgctcc	ggatccatat	ggcccatggc	aaatgatccc	180
cagcattccc	accgaagacc	tggtctacat	caaaactacc	aacaccggaa	ctgggagggg	240
agaagttcac	atcgctcgg	gttcctcggg	attcaggact	cgcagccttg	aagtcggaac	300
atcatttgct	tctgaggata	acggaacttg	gcaattaatt	gatgcagacg	gtgacggcag	360
acctgatctt	gtttacatca	aaactaggaa	taccggaacc	ggtaggggtg	aggtacacat	420
tcggtccgca	tcctccaact	atcagacacg	tatcttgtaa	actggaacca	ctttttaccc	480
ggaggataat	ggagtttgcc	agatggcaga	cttcgatcac	gatggcaaac	tcgatctggt	540
ttatatcaaa	accgtaata	cgggcacagg	gaaggtcgaa	gtgcacgtgg	cttctggagc	600
gtcaaaactac	cagaggcgaa	tccaggaggt	cgggacgaca	ttctaccag	aagataacgg	660
cgtctggcag	atggctcgact	tcgacaggga	tggaaaattg	gaccttgctt	acatcaaaac	720
tcgggatacg	ggaactggaa	aagtcgaggt	gcatgttgcg	tcgggctcgt	ccacttacaa	780
tactcgcgtc	caggaagtcg	gcacgacctt	ctatccagaa	agtaatgggt	tctgggaact	840
gagtgaactt	aatcatgatg	gtgtcctgga	tctagtgtat	atcaagacgc	aaaacactgg	900
aactggtagc	gttgagggtc	atgtggcgct	ggggaaatca	tagtccacac	aataatgtat	960
gcccgaattg	tagtgtcatt	cgatgtggga	gctattgttg	ttgaaacggg	ggttactact	1020
atcgcaattt	tactttggaa	tcgggtcaaat	aaatttgtaa	ctgaatttgg	aaaaaaaaaa	1080
aaaaaaaaatt	cct					1093

<210> 6215

<211> 905

<212> DNA

<213> *Aspergillus oryzae*

<400> 6215

ccaacctcct	tcccttatac	cogtccatgc	aaacgatgat	atcacagttc	ctccgtaatt	60
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tgctgtgagt	tgtgactgg	atctgacgct	tggtcccata	catcgaacta	tacaaaacgg	180
tccaacaatt	tgattgtaca	cacgggaaat	aggagggatc	ttgggtactt	ctcgccaaca	240
tgagtcttcg	cgaaaagggt	cgcagagtgt	ttcgtcgtcc	gcctagcggg	tccaaatcga	300
aggacaattc	caactccatc	aagatcgagt	attacaagcg	ccatgagatc	ccgcggtcca	360
agttcaaggg	cccatttgac	cgcgagcacc	aaaagagact	ggccgcgtgg	tcctttgacg	420
agggccaggg	cgaagcagcc	cgttcccggg	atctttcttt	gtccctttgc	gcctctttgc	480
cagactatct	gaggcctcgt	gtccaggagg	atagtgtggc	tcctgatgag	gttccctcgc	540
ttgccccaga	gggtctgtct	gatgcctcgc	ccacgatctc	cgacaacgag	cgcgcggagc	600
gpcaggatga	cagtggatcc	acctcctcga	ccgcttatga	cccggacagc	tacagcagct	660
cgatgatgac	cctcttcgat	gaagctatcc	gtcaggactc	gacgcgccaa	tttaaggaga	720
cgatccggta	caggtcagcc	gtgggtccgg	ccatctttcc	cgcccccgct	gggccccaaa	780
gggcgcttca	tgcgggttgc	ccccgaaaaa	ttgacacggy	gcgttggaatg	gcccggcaaa	840
tttgtgggta	aaaccaactt	ctggccaaaag	caatttaact	cttccattct	aacgttccgt	900
gaccc						905

<210> 6216

<211> 701
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

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<400> 6216
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tccgacgacg cctacatgag ctctctgaac aaagccaacg cggacctgga caccgcgcga      180
gtccaacaag cccaggactc ccccaccgtc cgtaccgaaa cagtcgaaac aggcgtcagc      240
gtcccagctc cactgacatc agtcgacgcc tactacatct ctgaaaaccga tgaaccgttc      300
gaaccccgtag caatgagatg ggatggcgca tctagaggaa tcttccccga tgcttcgcct      360
ctatcgaatc tgatctcgcc gaatgcggat ctttcatcct cgattactac gctatcacca      420
tcttcttttg atcccaggaa tcagtaccgc tctgcgttgc gcgcggttcg cgcgcgtgct      480
gcggaatcct ctgggggtga tgagtcggcg gtggatgtga aggtttttcg ggttgaggtt      540
gggccgtcgc ggattgagta ttatattctt gcggtggatg ctgagaagtc gttggttggt      600
gggttgagga cgaaggctgt tgagacttag tgatgncttg tgggtgaggt agatatncta      660
attttggtctg ggtnnannan annnnnnnnn nnnnnnattcc t                                701
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<210> 6217
 <211> 678
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

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<400> 6217
gtgaaaatgg gaaaggatct ataaatagct ggctacaccg tcttgccact tcgtttaccc      60
cccgccgagt ccaagcgtgc aaagcccgcg acacattatc tctacctccg acctcatgaa      120
ccacgcattc ccgatgctga tacaccccg cgcgtattcg tagtcaatgt tcccatcgac      180
acgacagaac tacacttgcg tcacttattc gggagccagc tagccgccgg ccgtgtagag      240
cgagtcctact tcgaagccgt accgacgaag aagaaggagg gaatgaccac ggcgcatagc      300
atggtcgcga atgtttcgaa gagcaaaaag agaaagagag tgacagtcga tgagctacag      360
aatcagctgg atgatctcgc gttaccgtct acgtgggacc gggaacttca aaaaagcggg      420
gogcatgcgg tcgtcgtctt tgcgcataag cccagtattg tggccagtgt gaaagcggcc      480
aagaaagcan gcaaaaggaa ggatggggaa attgtttggg gcgaaggcct cgaggacagt      540
cttctctcagc tgggcttaca gcgttatctc aaccatgaag aggttcggta tcttccccgc      600
goggagttgc tgcgcacggg gaacgatttc atgacgatgg ttggagctgt tgcccaggcc      660
aggaggaaag ancgccc                                678
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<210> 6218
 <211> 1171
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(1171)
 <223> n = A,T,C or G

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<400> 6218
gagagcattt ccttttgctg cgattatgtc gatctggcgc ctctgttgaa tcggaaaccg      60
cctctaccac tgetgtccgg gccccgaggg ctgcggatgg gctgccggag aggttggttg      120
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tctgtttccaa	tttgggtcact	ggtcgggttgt	lletcttttcc	tctgtacata	acttgggcttt	180
ggggattccg	gatcgtagag	ctgttttagat	ttcccggatg	ccgccgaaga	atctctcttta	240
tcccgaattgt	tgtctcttcc	actaccacgg	cttctccctt	ttcctctacc	ctcgtgctttt	300
gggtgggggtcc	cactgcgtgg	cgacgatgcg	cctgacgtag	tgccagaggg	gtccccgaac	360
aatcttttca	gtactttctt	gtactttgct	tgtttctctt	cccgaattccg	cagcgcaatg	420
gcttggcggt	cctcgggagt	aggctctggt	ggtttgttgt	catcgtcgga	atcgctcgta	480
ttgtcactgt	tcagagccag	tcggtccaagn	acagcggctg	tggcggttgac	ggatgacgat	540
tgccgggaag	agtgtggatt	gcgactcaga	agagtcacag	tcgggtttgaa	ctcctggttg	600
agagggacat	tggagcgcga	ttccaggaaa	tgaacgctt	gcggagtctt	gctgttcgtg	660
aaagaacgg	cagaatgcga	ttgttcagga	catagacagc	acaagagacc	agttgtgaag	720
aagaagaaga	agaagaagaa	gaagaagaag	atatacgtac	gcttccgccc	atagttgccg	780
gttgaattcc	gcttgctgcg	ccctgcgctg	cgctttggtc	actttggagg	atactttctt	840
ttccgggtgga	ggcgggggtg	ggtcggacgc	taaggtctgc	agaggagttc	gaggtcaa	900
cagtggatta	tagaaagtga	atccagagcg	gttgattcga	ttctagaata	cggctatgta	960
tagtgagaag	gaaggcatac	atcggttgt	ctttccagtc	ttcttccagg	catcggtgt	1020
ttcagcggag	ggcttttgcg	tcattggtac	acgattagtc	tatgggcaaa	agagggaaa	1080
gcagatgcag	aaggaaacag	gggttttcag	atgcataat	tgtttataag	ataagaaatg	1140
cgaccaaact	ctcttcaaaa	taaaaaaaaa	a			1171

<210> 6219
 <211> 630
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 6219						
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cctgtgccac	agcagctgcg	agctgctcaa	cgtggggacc	ctcgaggcat	atctgaccag	120
agtgaccaag	tggatgaaag	cccatccgta	cgatgtggtc	accattttga	tgggcaactc	180
ggactacgtc	gatccgggca	atttcaccgc	gcccgtccag	aactccggtc	tgatggactt	240
gggtgtatacc	cccgccaaaga	ttcccatggc	cttggacgac	tggccgacgc	tgtctaacat	300
gatcttctcc	ggcaagcgtg	cggtcatgtt	cctagactac	caggccaate	agacggcgta	360
cccatggctc	atggatgaat	tttcccagct	gtgggagacg	ccgttctcgc	ccacggaccg	420
agactttccc	tgcgacgtcc	agcgtccccc	ggatctggcg	gcgaatgacg	ccaagaaccg	480
gctgtatatg	gcgaaccaca	acctcaacat	ccagatggac	gtgctgaatc	tcgacctgct	540
catcccgaac	acggctctct	tgaatgagac	gaacaacgtg	accggatacn	gcagtcctcg	600
cctgatggcg	agcaatngta	ccaaaatctg				630

<210> 6220
 <211> 707
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 6220						
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aatcgccgca	ggagcgaatt	ggctcgccca	gcgatgaaac	accttcagca	ggacttgcga	120
caggaaagacc	gcgatacttt	gaagtccgct	gcttcaaaaag	tctccttttg	gaactgggarr	180
ggttccgcag	taggaattgg	tatgggtctc	tatgtcgcc	tcagactgcg	cagctcgccg	240
aaggctttct	tcgatgtttt	tgcgcgcgag	gagagacctc	cacaagtgg	cttcgccgat	300
ggtcggacag	aatctatccc	ggatattacc	cccttgctga	agccaaccac	gcttgggtgat	360
ttcgcaacat	atctctttgc	ttctgctggt	ggactctttt	tgggtggaga	gctaggcttc	420

ttgggaggag	cagctagtgg	cagtcgcacc	atcactgccc	acccggagca	gaagaagagg	480
attgagaccg	ctttccggcg	attccgggcc	gatgtactgc	gcaaagaagc	cgacgcgttg	540
gacgcgggag	tgagcggtga	ggataagatg	ttttgatata	ggtgtttgat	gtggtggtaa	600
tggtgtngca	tggttcggcg	tataccta	ctgtctatct	cgaagtgctt	agcacttcgt	660
atggtatttg	tataaaacgt	ccatggcgta	atgccagaat	ctncaaa		707

<210> 6221
 <211> 699
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(699)
 <223> n = A,T,C or G

<400> 6221						
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agcaatggac	aacggagcaa	tccgaattgc	gaaaaaggca	agaagaagta	gatcatgaga	120
tacaggcact	tgaggcagga	gggggagctc	ggaaacaggt	tgttttagaa	gtttgtcgat	180
tcgaaagacg	gttaaaggta	gagatgcgcc	gctccctaca	aatcagtcg	caagttttag	240
aatcttctag	ggctgctgag	aacaactccg	aactcgacca	tgttcgtggg	attttgggaag	300
acctacacaa	gacaacagag	cacgtggaac	actatctggg	aattgcagag	gacaaagact	360
ggaaaactgct	tgtctgttgc	attgctgctg	aactcgaagc	attgcgggaa	gcacgagcaa	420
tgctccttga	tgccctcgat	attccggatg	aaggcccgtc	gcagtcttca	gaacgaangg	480
tgccctgacaa	gtccggagaa	aataatctgc	ataataccca	tcaagatcca	cttggagttg	540
acaaccccga	cccttcagct	gatctattac	aagatgccga	aaaacatcat	tcttgaccca	600
tatctataac	ggaagaatga	gaatgatgag	ccggatcctg	cgtggctgct	ttccaaaaac	660
cttaggaaaa	tccttaacct	cctatgataa	tgaacaaan			699

<210> 6222
 <211> 691
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(691)
 <223> n = A,T,C or G

<400> 6222						
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acagagaaac	aaaatgcccc	caaaatccaa	atccaaaaag	gacatcgctc	ccccaaaca	120
acagcagcaa	cgacaacaaa	ccccaaacc	aaattggcct	cctctccgcc	ccctcatccc	180
ctcatccgac	ctcaccctcg	atcctctcct	ccccgaccaa	atctacctca	tcccaaactt	240
cttcaccgca	aacctctgca	aaacctacgt	ctcattectc	tcctccctgc	ccctaaccac	300
tacccttggg	aagccgaaaa	agggcgatgc	cgttcgcgct	aacgatcggt	tccagatcca	360
ggatgagcgg	tttgccgagt	cgttgtggag	cgggacagcg	ctgaaggacc	tggtgatgaa	420
tggggatggg	gagggggaga	ggtcgatgaa	agagatctgg	ggcggggagc	cttgggggtt	480
gaatgcgaat	attcggatct	atcggtatcc	gaaqgggcag	tttttggccc	agcattacga	540
cgactccaac	acctcactt	tctcttcccc	ttcccatccc	tctcaacctg	ctcgacccac	600
gaggaccctt	cttatctact	tgactacctg	ctcagggggc	gaaaactatct	tctaccggga	660
atcgactcgc	gggaatcgca	accccgagcc	n			691

<210> 6223
 <211> 1213
 <212> DNA
 <213> *Aspergillus oryzae*

<220>

<221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

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<400> 6223
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gagcttacgc ctgaggaaac tgaaaatcca ttgggaggct atggacgcac aatcagtcac      120
ttgattattg gattgaagtc tgcaaaagga accaagaagc tgcgccttga tcccagcatt      180
tatgaggcta ttcaaaaaga acgagtcact gttggagatg tcatctacat cgaagcgaac      240
actggtgctt gtaagagagt tggccgatcc gatgcctatg cgaccgagtt cgaccttgaa      300
gcagaagaat acgttcctgt acccaaggga gaggttcaca agaagaagga aatcgtacag      360
gacgtgacgc tacatgacct ggacatggcc aacgctcggc cacaagggtg acaggacgtt      420
atgagcatga tgggacaact gatgaagccc aagaagaccg agatcacgga taagctacgt      480
caggagatcg acaagggttg tagccggtat atcgaccaag gagttgctga actggttcct      540
ggtgtcctct ntattgatga ggtccacatg ttggatattg aatgtttcac ctatctcaac      600
cgggcacttg aatcctcaat ctccccccatt gttatcctcg cctccaaccg cggccacact      660
gtcatccgcg gcacgcgacg catcagcgcc gcacacggga ttccctctga cctcctcgct      720
cgctcctca tcatccccac ccaccttac tcttcgacg agatcaagac catcattcgc      780
cttcgcgcca agacagaagg tctcaacatt accgatcccg cctcgcacaa gatctccgag      840
cacggcagca acgtcagcct gcggtacgca ctgcaattac tgaccccagc taggactcct      900
tgtcaggacg ctcgctctta tatgcgattc cgaactgacg gcatacactg tcgcttttac      960
atagtcta atttacgaag agagaggcga taacaattcc gttaatcgc caatgatgat      1020
tcccaatttc catattgtct taactcaa atgattacat gctatcaaga gaacaaagat      1080
tagagctcag catcaaaaca atggctaccc agataaaaat atcctgcggg ccgttcaact      1140
tgcatctga gggccgaata atgtaattag tcttggcacg ctttaattta gcccttcccc      1200
acattccgtt tac                                     1213
  
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<210> 6224
 <211> 767
 <212> DNA
 <213> *Aspergillus oryzae*

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<400> 6224
tgaacttttt tttttctctt tcccacttca acgttcatct ttaattgaac tcattattct      60
acatacataa ccaacacaat acatctactt gagtatacat aaataaggaa aagaaaaaga      120
aaaagaaaca aaaaaaatga cagtccaatc aacccccac ctcgacgccc tccaacgcga      180
cggcttcgtg gtggtccgct ccatectctc ccccgagaa gtcgcccatt tccgtaccgt      240
atcaacaaaa gccaccacac tcaccgaac aggccactgg cctcacttcc gcaccgtccc      300
gaagcaattc ccgccctggc cgaccacacc cctcccgc ctcgagggcg gcatctgggg      360
cgtgcagcac ctctccacc cctcgatgcc gggcgcgcgc gaattcgcgc gcttttactt      420
ctccgagaaa gtgctcgccg tggccgagga gctgctcgcc gtgacgcgca ccgagggcaa      480
cgaggaggag cctctggtca tggaaactatt caatctactg gttgcgcgg agacgaagga      540
tttcgagctg cgggtggcct gcgatgatat ccccgagacg qtgggaccgg aagaggagct      600
gaagttgttg gagtcgaaga gtccgcaagg aaagcaaagt catgcgcagt ataatttggc      660
actttgtcct gatgcgtcgc tgaatgttgt tccgggggtc gcacgcagcg gtgaggactg      720
gagcgggaaa gaatgctggg ccttatttag cggatattgc ggggttac                                     767
  
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<210> 6225
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

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<400> 6225
gttttttaaaa tgettaccgt ttgtatcctt ctccaggctc ttctttgcaa atcagttatt      60
ggtgtggacca atggcgccag tgcgaccgga ccgactgac catccgttgt tgatcactgc      120
  
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gagtactggg	tgaacaacat	tggattaagc	gacagctgcg	agttgattga	agactacttt	180
gggatcacga	ggcggcagtt	tgcacttttg	aaccatctc	tgacaccttc	atgtgtcatg	240
actcgtggat	ggagctattg	tgtcgcagcg	cgcgtcttcg	cgacaacgtc	caccacatcc	300
accacatcca	tcactgctac	ccgacctctc	gacccatcac	gcactatcac	gtactccggc	360
acagcggtcc	ccacgcana	tggegtcagc	tcacccctgc	ccaagtatca	tctagtgcac	420
ccaggagata	catgctatac	catccaggat	gaatatgggg	actttactct	tgaacagttt	480
tattcatgga	atccctgcat	cggcaagggg	tgcatgggta	tacagccagg	ttattatgtc	540
tgcggtggga	ctggatccaa	gtctacctct	atttctatga	cgccactac	cgggtcttct	600
actgcaattt	cgagccaaga	ccagtgaagg	atcgctccga	ttcaaactct	aaccacacca	660
aacg						664

<210> 6226

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 6226

atcatatata	aggggcagtt	gctcgtttcc	ctctgctatt	cttccctcac	agcctttatc	60
tgccaaagat	gcaccgatca	agcagtcaca	cctaccaaac	aaccagctca	agaggctcgt	120
cgagtcacgc	cagcagcagt	gccttttagtc	cgaatgccaa	tcccaacgaa	gactggacca	180
aaatatcaga	tcttgccgag	cggcggcgta	ttcagaaccg	aattgcgag	cgcaattatc	240
gtaaaaaagct	caagcgccgc	ctagaggacc	ttgagaagag	ggctgcttca	gcttcagagt	300
ccccagaacg	gtccaacgag	aggactgaag	cgcgaaaaag	ttcgcatccc	gccaaagctc	360
gtgctaggaa	ctctcgcgct	tctaagtcca	acggggatgc	cactagacgg	gctacagcag	420
agaggacccc	cgcctatgat	ggttatgcag	cacaggatga	caggggcgag	atgttctccc	480
atcatgtacg	cgccaagttt	tcggataacc	cccgcggggg	gaatctgac	cctcataatt	540
cccacttgaa	accctacggg	cagtcacctc	atggggccatc	cgaatcccta	ttaattcaat	600
tcccaagtac	cctccatgga	tttggttaaa	tggaaaagaa	cggggggggc	aggggcatct	660
attttttccc	cgttacaag	aactacaag				689

<210> 6227

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 6227

gcagatgata	ttatccaatg	ttgcgaatgc	ttcgcttttt	atgtaaatgc	gggcgcgtcat	60
catgctcgtc	aatgcgagta	aggccgccag	ggagcgtagt	ctgttgggac	ttggcgagtt	120
ccaacctttc	cattagccct	ccaatgggta	gatagctttg	ggctcccagg	ccgggtgggtt	180
ggtgctcaaa	atagttcatc	accaactcca	atgcctctct	agcttcatcc	tggttcggcg	240
agccaggtga	acttataggc	gaaaccgtgg	ttgacttcgg	aaataatggg	ggataaatgg	300
attttgcctt	gattttctggg	ttgctgcggg	tacgcttgat	tgtgctggat	gaggatccga	360
gactaggaat	agcctttggg	ttgtactaat	ccataaatgg	agatctttgt	aaagggcggtg	420
gttgaatccc	atttttcggg	gggggttaaa	cgaccttctg	tttcccccat	tatgaaagga	480
atctttggct	ttttccttat	atcaactatat	ttacgagggc	ctccccccat	tggtgttagc	540
ctctatacaa	aacgaggacg	tttccctttc	ttttctctct	atataatcca	taaagagtcc	600
catcattttt	actttgcctt	ttttcaaaaa	ataatttttt	ccccataaaa	cagtatgggtg	660
tatatcaacc	cgggtggcga	tattcccccc	tattactaca	tct		703

<210> 6228

<211> 269

<212> DNA

<213> *Aspergillus oryzae*

<400> 6228

tcagagtaig	tacgctaagt	actgtgaaat	cactaactgc	ttctccagtt	tatccctacg	60
caagatacga	tggtatcttg	gtacaccttt	ggcgtggctt	ttttcgccgc	aatcggcact	120
ttcctttttc	gctttgatac	tggaattgcg	accacaacaa	tcgcccatac	gagttggatt	180
gattatatga	aaaacctttc	tgatggactt	actggggctg	tggtcgctgt	ctatattgct	240
ggcgaagcag	tcgggtgctc	tacgcagac				269

<210> 6229
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

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<400> 6229
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cgattggcgg  actggtgggt  gacgatgatt  catttgagca  aactcctagg  tgacgtcctc     180
aatttaagct  accggcctct  tgggcctcac  ccctcgcttc  agcaggtaga  agcaaccgag     240
acagaaaacc  tactatttca  attcccggac  aactccgacg  cagaccgaag  tcgcttgggc     300
actttttata  tgtatcatct  acagttgcac  taccaagctt  tactcattac  attctatcgc     360
ccttatatca  ccaagggtgc  agaagggtca  ccagtggccc  agcaacaggc  gtggcgaagt     420
caaatacgaa  acaaaatgga  cgccgctgcc  ctacaaacga  attctattgt  cgataacctg     480
gctcgtgaaa  agctgctaga  attcggcggg  ccaatgacac  ctncattact  ggtaccagct     540
atgcaagttc  atctcctcaa  ctgcaagtcg  tccgatgggt  ntattcggcg  actgggcctt     600
aacaagctgg  aattgtgtat  gatgatctta  ggcagatgc  agcacacata  tncatctgcc     660
tncatatttc  gaagcatctt  cn

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<210> 6230
 <211> 679
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

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<400> 6230
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ctgtctagag  ctggggcaag  cagccggctc  tctggtcaga  gattctttgc  cgatgccaaa     180
cctcctacca  gtgcccctac  ccctgtctcc  ccctcatccg  aaacacccat  cccccggag      240
actattccta  agccatcgcc  tagtgagcaa  gattctcaga  ctctccacc  acccccaccc     300
gccccggctc  gtaaaacggg  acgtttccga  agattccttc  tctacctgat  tctcacatct     360
ggtttcgcc  acgggtggag  tgtcttcctt  gccttgaagt  ctgacaactt  ccctgacttc     420
ttcacccaat  acattccgta  cgggtgaagag  gccgttcttt  acttcgagga  acgggacttc     480
tctcgtcgtt  tcccgaacac  cctgaagggc  caggcccgcg  tctctggaca  caaggatgag     540
agcaagaagg  ttacaatccc  caagagagag  tggcctgact  tcnaaggctg  canaagagca     600
nggttctgga  ancgatcttt  cccaaaaaag  gcccatatg  aatgctgtca  aggtgaccaa     660
accctaatca  agaccgaag

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<210> 6231
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 6231

caacgactgc	gatcaatgac	ctgggagggg	tggaggggca	gacaattcat	tcaactcgtc	60
cacttagcta	atccttcttg	gacgttgggg	agggaaattg	ccgggtgcgg	gttgcgagg	120
agggacgccc	gtgactccgg	atgcaaccac	tctctctctc	ccttaaatac	tccccgatcg	180
ctcttctct	acttctctct	cttcccccat	tgacttcgta	actctcttcg	ttatcgatac	240
aagctcactt	tctcaattct	atgggaatca	ctgtctacaa	ggcgtgctcg	ccaaaaaccg	300
ccaaaattat	cggcacactt	cttaactcgc	gtcacgcacc	cgttcaacgg	ccggcgctca	360
tctctcgtg	gagggacatc	ggcctacgaa	ttacacaccc	attaaatcat	tcaccaaaaca	420
tcccactttc	gccatccgag	tcaattgtct	gctctgtgaa	cgcaatggct	ccccacgcta	480
attcggatgt	tgtcgccaat	ggcgccgtga	acgggtcggc	tcaatcctct	ctgtttactg	540
tcaattccac	caatgtcgag	tacaccgaca	atgagatcaa	gagcaagtat	gcctaccaca	600
ctaccgacat	cactcgtacc	gccgacaaca	agctggctcg	cactcccaag	gcgactacct	660
accactnata	g					671

<210> 6232

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 6232

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gtagccgcca	agggcccgga	gcaatctgca	gaggaggccc	gtgccccgag	cgttgggtggg	120
atctataagg	atgaatccga	gagcaccgcc	tcgttagtcg	acgtagattc	acaacacgtc	180
accgtcgtgg	actcgaattt	cctggatcaa	gacatcaaga	ccactactca	agccgagcgg	240
atagagcagg	aagagtccga	ggaaaataag	aaagcgaagg	aagagcggaa	agctaaggcc	300
aaggccaagg	ctaaggcttc	tggcgtatgc	cgcaactcgg	ataatccggg	ctatatcggc	360
aatgctgtgc	tcttgagctt	agtgggcgca	gggctggggg	tcgggtgcata	ccggaaacat	420
gctcaaggca	aactctcctg	ggagctgata	ggactctggg	ccggagctgt	tggagcattt	480
ggtgcggttg	attattttgt	caacaagtgg	tttcttcaaa	acaagtaccc	tcccaaatag	540
atagcgggta	tcgctgatcg	tggcgttcag	tctccgagcc	tatctctata	tgaatgggtn	600
ttgattgtca	tatttcatca	tagctctggg	accacacatt	cccaaaggct	tggactcngc	660
gcggggatgg	ttttaattgt	gtatcaan				688

<210> 6233

<211> 1185

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 6233

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ggaacccag	tcagagcaat	tacgggtcaa	gtccgatgat	atcaactact	atggctatgc	120
cgataccgaa	ctacgggatt	acattcgcca	tgcgattgat	gatgcagagg	ctagccacac	180
ccgacacttg	ctcaccaccc	tgaccggaa	cacgcacat	ccatggggaa	ggccacatga	240
tgagtacgag	gagctcatgg	gategtcatg	gaccggacac	aacaatgaag	tttaccgcta	300
cctgaalgea	actggattct	gacacaactg	gategctgag	attatcagca	ttctggaaga	360
gaacggcatt	gcgcatgaga	ngtagactgt	catggccggg	gatacacqtc	tgtcgtgccc	420
gaacgacggo	tycgtcacgc	cctaactaaa	cccgcaagtc	tgcaggtaac	acgtttgcac	480
tgagcttgcg	cattcgaaac	tgccttcggg	cgaagattct	acccctgtgg	acaatgatca	540
tattgtgccc	accattttgg	acttgcgtga	ttgagtcgag	gtcgttgagc	gaaggcagcg	600
gcggtgcggc	gcgcgacatc	ctatccctgt	atgaagggca	gtccatgctc	cgcccccttg	660
ttcaagaaga	ggacggaaaa	cagaactggc	agttcacccg	catgaacact	ggcggtaactt	720

ggctcgcggt	gcgctcggcg	gcgcgaccgg	cgttccggtt	ggtcattcca	ttgggtgacy	780
atctggaatg	gcgattcacc	gacctggaga	aggatccgat	cgaactcaaa	cccatcaaac	840
acttcagttc	catggatatg	gccaacgaac	ttgaccagaa	gtaccggacag	gacgtcgtgg	900
actggcttcg	cgatgcgcga	catgtcactg	agtgggtggg	gctcgcataat	tggcaccgct	960
atcggtagat	tccgcagatc	aagatctcga	nagacggcaa	aatttccaag	ggccanggac	1020
tccgtgacaa	gggctcanag	gacaaggact	ccgatgatac	ggattctgac	gactcccagg	1080
actcgaagcg	ttgagtgagc	ttcttcnag	aatgagatca	ggaagtctac	acaggaactt	1140
tcatatcatt	tattatatga	ctagatgagc	ctatgggcgc	atcac		1185

<210> 6234

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (677)

<223> n = A,T,C or G

<400> 6234

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gatgattcga	aaacaacaaa	aacgagctgc	ccgaggaaaag	caaactggct	ttcgagttgc	120
cgggtcaagaa	gtggattcga	aacgtatcgc	togtttcgtc	cgtagatacg	gcactaactg	180
ggacaacaaa	ggtcgcgcgc	agtctcagtc	ccaatctcca	cctcaacttc	aacttcagtc	240
tcaaccgcga	acccaaccgc	agacccatcg	gtcaagccca	gagcctggta	ggtcgcttct	300
acgtgatcaa	atatctgttg	catcagctgt	ttatacagag	ccagatactc	cgtctgatat	360
gagttgctat	acgcgcggagc	ccgatgctag	agatagaagt	tgcactttgt	ctcccttgcc	420
agagacgatg	tcacctcgca	gtgagatgac	cccacccctt	tgcctagcct	gtacaactca	480
aggaagcttc	actgagcaat	atgagttttg	gctctattta	aaaccccttg	ttaatcaaa	540
cgcaggtcac	gacaagctta	agatagaaca	aactcctgct	tcagagattg	atgataactc	600
atctttgcgc	acaacaactt	ataacccccg	cttaccacaa	gagacaccta	naaccacaga	660
tgatgtgtca	tgggaang					677

<210> 6235

<211> 748

<212> DNA

<213> *Aspergillus oryzae*

<400> 6235

ggacctcaag	tccatgggta	agctcaagcg	cgaagtcgag	aaggccaagc	gtactctctc	60
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gacctcacc	cgtgctaagt	tccaagagct	gaacatggat	ctgttcaaga	agacctcaaa	180
gcccgtttgag	caggtgctca	aggacgcccc	ggttaagaag	tccgagggtg	acgacattgt	240
ccttggttgg	ggatctaccc	gtattcccaa	ggcccaggct	cttctcgagg	agttcttcgg	300
tggcaagaag	gccagcaagg	gtattaaccc	tgatgaggct	gttgctttcg	gtgctgccgt	360
ccaggggtgg	gtcctttccg	gtgagggccg	taccgaggat	gtcgtttctga	tggacgtcaa	420
ccctcttacc	ctcgggtatcg	agaccactgg	cgggtgtcatg	actaagctca	tcccccgtaa	480
caccgttata	cctactcgca	agtcaccagat	cttctccacc	gccgctgata	atcagcctac	540
cgttcttata	caagtttatg	agggcgagcg	ttccttgacc	aaggataaca	acctcctcgg	600
caagttctgag	cttaaccagca	ttcccacggc	tcccgtgggt	gttccccaga	tggagggtctc	660
cttcgatttg	gacgcccacg	gtatcctgaa	ggtcagcgcc	agcgacaagg	ggaatttgcca	720
aggttgagtgc	catcaacttt	ccccacga				748

<210> 6236

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<400> 6236

gtataagctc	gtccgattcg	gacgaggcgt	ctacagtggg	acgtcgcaca	atacaccgcg	60
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acttgggcaa	ttcccagggc	cgttgggttac	tggcgatcgc	tttccaatta	aatttggctc	120
acttaaacad	cgctgaaagt	atcttgcaact	cgcgatcggt	cataccatct	ctcattatgg	180
ctcccagacc	agatagcagc	gtcaacgcac	caccaacccc	agaagctagt	aatatatctg	240
gagctggcac	gaacacaaac	acgaccgatg	ctgctcccaa	gcaaaccaat	ggtgagagca	300
ctccgcccac	gtctgtggat	gcgaacgacc	agcccagaaa	gaataagtct	cctgaagcgg	360
ctggatcttc	taaggaacac	aaacctgctg	aagaagccaa	gtctggtggg	catgcctcca	420
tctcgcaaca	cgatggactc	aaagagtcaa	ccgcggagaa	tggcatcgcg	caacctagtg	480
caggcgataa	acgagagcat	gacccgactt	ctaccacccc	caacgcgggt	aagggttaat	540
gttgagaact	cggcggaacc	tacaaacaaa	aagcggagga	ctactggaac	gcggactcga	600
gatggcaata	ctacagcccc	tgctacgaat	ggggggaaac	caaaggcaag	tcggtctaaa	660
aagacgaagg	atgatgtgaa	gaaggtgatt	cctacggatg	gtattggtag	tca	713

<210> 6237

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6237

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gaggaggctt	cgcgccccct	accccaaccg	caattctcag	cttagccaaa	gatgccgaca	120
actcgtaacat	cagcatctac	gaatctatct	gtccagatgg	cggatcaggc	ctggaagata	180
aacctgagag	aacagtcgac	tcatcggacg	aggtagaagg	tcttgctact	gaactttatg	240
agattctgca	agatttgccc	ttggagagtc	caccgggggtc	agaggatatt	tatggaaagg	300
atatttctat	ttcgtggagc	agtgatgatt	tccgctgggtg	taatggcggg	cagcaggggt	360
gtgtgggagg	ggacagtgat	gtacgtccat	ctgagacgga	gcggcacaag	ttcactaggg	420
ctgttgaaaat	ttgtaataaa	ctgggttgata	tggcggtttg	agtggatgtt	aggggacgtt	480
gtccatgatg	gtatgggcgg	gtattgcaga	ctcttggtggg	cattgttggtc	ttgttgcttg	540
gggatagttt	atgggtgatg	cactagtatc	acaggttcat	agctgagggt	cattgatgga	600
tatttaatga	tctgaaagca	tggctagcat	cttgcatatt	gccagacttg	ctttcatgct	660
gcataaatgg	tggctctaat	catgt				685

<210> 6238

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 6238

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tcaagtctgg	cggctctcat	ttcaaatttg	cctccgtatg	cggttgcaaa	gctaaatggc	180
gatcagctgg	atgagctgaa	cataagccag	aaaatcgtea	tgcagaaccc	ggactatcgg	240
ggaaccatgg	agaaggatga	cttcacagcg	catcaggagc	gaagcgcggc	catggcccca	300
atgagtgggtg	ccgcgaatcg	gacttcaacg	ccatcccggg	acaattecgg	ggcatatagt	360
tctggctctc	gagcccaatc	gcaagggtgg	ttcgtctaac	agccatacta	tagtgggaagg	420
caacccttca	cttncggggc	atacaactca	ggccatacac	aacagttaagc	gggaacctcgg	480
ccaccagtaa	caccttcaca	acgaccaggg	tatctttcag	gatactctca	acccacttct	540
caatttcaatc	agcagttcca	gagaccagga	cnaaatgggt	acgcttttota	cctcgcccaa	600
caaggggccag	cengccaaac	tttgnacaaa	gcctacacgc	cgnngcccga	caaacagggg	660
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<210> 6239

<211> 975

<212> DNA

<213> *Aspergillus oryzae*

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gcgcgctggc tataatgacg gcgatgctga cctactagc tacagccatg gtggtgctgc      240
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aaaatcaggg tcatggcacg taattctttt ccccgctctc tagtctctgt ctaggcttcc      420
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acattccttg gaatggtttc ttaattcaat acccgctgcc tatggggaat gagctcgacg      540
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tattactact tgtcatctcg gcgacattcg gtacgccatc agttatgcga ccatcttaac      660
cctgtcagaa aacccaaaaga gaaaaaaaag aagaaaaaaa aagggaagaa caagttactc      720
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ccggacaaat tggcggcagg gaaggaaaaag acatgatatt taccttaacg ttgtaattcc      840
tcggattatc agatgggtct cagcacttct acattgcaac tcttcgggaa attggtcgtt      900
atctcgctag tcagcttggt cgccttggtg cgtcttlatc aacattttct acgtaacgac      960
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<210> 6240

<211> 616

<212> DNA

<213> *Aspergillus oryzae*

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tgaggggctg ctagatgtaa ctacattggc atcgagtgtt ctcaattacg agtacaagaa      180
tggccgacga tatcacgctt accgctcagg cgcattttta atgccaaacg acgaggagga      240
gcaggaccgc atggacctcc tccatcacat atacacctg attctcgatg gcgagctgca      300
tatggcgccg atcaagtccc atccagagcg agtcttggtt ttgggaacgg gaaccgggat      360
ttgggcgatg gattttgctg atcagtataa atccgcggaa gtgttaggaa acgatctcag      420
tcccattcaa ccaagctgga tcccccaaaa tctccaattt gaaatcgatg actacgaagc      480
agactgggtc tattcacggc ccttcgacta catccacggt cgcgagctag caggcgctgt      540
cagtaacttc gaccgactct tccgacaagc ctttaaccat ctaaaaccg ggggataccc      600
tgagatgcaa acttcg      616

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<210> 6241

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

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aaaggattcg gcccgcttg ccgaggctgg aaacgcgggc gagatcggac gtctgaagaa      180
ggagctcgat gcgaaggacc gtgacattga gacctgaag aagcagtgtg agggctcttac      240
ccgcgaatac cacagtctgg gtgacaaggt tggcggttaag accgatgatg acactaagaa      300
ggatctgtga attcaatcgt ggagtccaaa cttggaaagg aattctgtgt tgtctcaagt      360
ggaagtattc catgagatag ggcaggatct ccgagcagct cttatggtat caaaatgatg      420
tttgtggaaa tcaagcgtcc cgttactac tegtcttcag ttgtgataac acaagtgaag      480
agcagtgcag caaagcagta agtcaatgag catgtgtggt ggatttatgg ttccctgctt      540
tcacggatat ggatgttggt tgttcgcgga gatattcaaa cgcgtggtga caaggagggt      600
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<210> 6242
 <211> 1077
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1077)
 <223> n = A,T,C or G

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<400> 6242
cgaggataacc attggggttgc acttctacac agtcaagaag ttactcctga aactgccaac      60
tacaccgtcc aggcctatta caagaaaact atcaaccacc actactctca ccaccaacac      120
catatcaacc tcaattcaca atgccttoca tcgggtggctc tacttctcag ttccctcctt      180
gccctgggccc tctccccaag gggtccgcttc ctctcttcc caagtaaacc ttgggctttg      240
tgatgaaatg acgaccgggc gtaactcgagc gggttcattca ccccgtcgtg cgaaagcacc      300
aacacgaacc gactcgtgac gctcacgaaa cggcggttgca tttggcctat ggatatcacy      360
atcttcgatt tcggaactgc aaaatggctt tgatctaccc cgaacgcatt ctcatataca      420
acctttatcc gacgttatct tctcttatct tcttcgcttc taccatttcg gatttttcac      480
tccattggga tctcaactgg cttcagatag gagctgcgcg atgacgttac ttgcgggagt      540
ttatctttct tcacactccg attctacgga caggcgccgg cgccacgctt ttttcttctt      600
ctttccttct gcaacggcgc tttggcattg cgacatcagg ccaccagtga tgcattcggt      660
catttgattt gaccaacggc gtcattgcaag gcaggcacct gacaacacaa atgatatcaa      720
agttatcggy gttcgcgac tccccaccca cgttgctact tatctctcac atcggtgggt      780
tccaacggct cgttatcggc acaaaccccc caaagctatg ggacaccagg ggggcgtttg      840
gaggttanaa gcctgacaac atctcacctt tcagccaacc aaacgtcgct acgaagcatg      900
ggatttacct gaccattcgc gatgtcaaag cgttattgga actccccatt ttgatttgcg      960
gggacttttt ctogaagctt atttaatcat gggtcttttc tcttttctgg accatctctt     1020
ggttattacc tttttctttt ctccctctct ttttttttta agggggcttt taatttt      1077
  
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<210> 6243
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

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<400> 6243
tcaaaaccat ttcggttggtg gtcggctcgc ttccgaagaa aagttccttt ggatcttact      60
cgcttcacca tgcattattt tgtgtcgct cgtatggta tatgttctct ttttcggtt      120
ccttttttct ttcttataac agcttgccat tccattcttc tggggctcgg tttcgcattg      180
atacatttta ttgttgggtt taccttctta tttgtgttg ccttccctag cctatatggt      240
aaactgggga aggcctttct tacttcggga tgtgcgagac actgatccat tgcttgata      300
tatatttgca ttgatggcac gtctatatat ggctttctgt caccttgccc ttgggttctc      360
tatgtttccc ctattgccgc tttgtcggga agcctacgaa agacgctagg cattcgcttt      420
ttctccttcg atgcaatttc catctgcgcc ttttgcgtct atatatact ctgttcgggt      480
ttgtgcatca aggcctggng catcaqtgar nttctttt atgtaatycc cgcattgagga      540
ggacacagtg tgggataagg atacacagag cggtcggttt cattaaagac ccgcaagact      600
catgaccatg tcttttctat ttgtgtgagt tgaatgatgg tgaagactta caaacggggc      660
con
  
```

<210> 6244
 <211> 659
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6244

ccttttagct	cgtggctcga	ctcctggagc	acccgctgga	accccaaggt	cttcgcgcgac	60
cagggatacg	tagtcgctgc	acccaaccca	accggaagca	gtggcttcgg	cgatgccectc	120
caggacgcca	tccaaaacca	atggggaggc	taccctacg	aagacctcgt	caaaggctgg	180
gaatacgtca	acgagaactt	cgacttcatt	gacaccgaca	acggtgtcgc	cgccggtgcc	240
agctacgggtg	gcttcatgat	caactggatc	caaggcagcg	atctggggcg	caagttcaag	300
gccctgggtca	gccacgacgg	cacattcgtc	gcagatgcaa	aggtctcaac	cgaagaactg	360
tggttcatgc	aacacgagtt	caacggcaca	ttctgggata	accgcgaaaa	ctaccgtcgc	420
tgggacccct	ctgccccga	acggatcctc	aaattcagca	cccccatgct	catcatccac	480
agcgatctgg	actaccgtct	ccccgtctca	gagggtcttt	ctctcttcaa	catctccaa	540
gaacgcgggtg	tccctagtcg	atttcttaac	ttccccgatg	aaaaccactg	ggtccaaaac	600
aaagaaaaca	gcctggtctt	gcaccaacag	gtcctgggct	ggttgaacaa	atactcagg	659

<210> 6245
 <211> 762
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 6245						
ngacattgct	ttccgtatac	ggccaaggcg	acgaagtatc	tgccgtcctc	gcggagaaat	60
tctcgaagcc	cttgaagaag	caaatctctg	gtctcattcg	ccgtcagcgc	gaggaaatgc	120
tacaccccca	acttgcacga	gactaccttt	tccccgtcct	tcctggagtc	ttgtcggacc	180
ctaacgagga	gaagcgcaac	cccgtattag	aattgggtcaa	aatgttgatg	cagggtcctta	240
gtcttttccaa	gacgacaagt	ttggagaatc	gacttctacg	tcgcgaactc	ctggccatgt	300
ttgaggtgcg	agagtccagt	aaagagggtc	gatttgagaa	cccggctgcc	agcctgaaac	360
ttcccgaagt	tacctgcagc	gcttgctgct	tgattcgaga	tctagacctg	tgccgcgatg	420
aagatgtcct	cccggatcct	ggatctgacc	caagcaaggc	cgtgacgaag	ccctggcgct	480
gtcctttctg	tcagacagaa	tatgatagac	tggctcagga	agagatcctt	atcggccagg	540
tccatggact	gatcggttgc	tggcagacac	aggatttaaa	atgctccaaa	tgtggagggc	600
tgaagggttag	cgagtccatg	gagcattgtt	cgtgcagtgg	caaatgggtg	gaaaccatgg	660
accgtgcaga	ggcggaaaaag	aaacttggag	tgctcaacag	tgtcgcgaag	tttatgggct	720
taagctttng	agaatgttgg	gaacgagttc	tagacaaata	tn		762

<210> 6246
 <211> 718
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 6246						
gagaagccga	agacacctga	gccagctcca	cctccggatc	ctcctgtacc	agaggetgcc	60
gatgccccctg	aagctctacc	agcaccggaa	gaggtgggtg	tggctgttcc	tgttgaggag	120
cctaagaaga	aatctgactc	aacaggagca	aaaaagccgc	gaacaagaga	gcccgaacccg	180
ggtgcggtttg	ccatgtggat	ggcgggtggg	aaccgtaggt	tcaacaaagc	tttaaaagtg	240
ggaaaaaaagc	ctagagtagt	cctgcaacac	gggcttgctt	ctcgtgttat	gtgataggat	300
ctaagctttt	agctactgcc	tctagtctgc	gcattgcgat	aggtatagcg	tgcatcacta	360
cttttttccga	qctaagcccta	aagcttagat	cgcgatggga	agtgaacgca	gaacatgtca	420
atgggtttttg	tatgttctgc	gatattctac	qctgattaaq	qcaqccctgtg	qcgaaatgta	480
gaagtttgaa	cttgatctat	ctaagcttct	ctggggggggc	atggcttttc	ctctcgcata	540
gccgagattg	gtttctcatg	cctcagggtg	gcctcgcgcg	cccaaatcca	tttacatttt	600
gtttttgttt	ttagcttccc	cttcccttcc	cttctttgat	agcggngaaa	caaggagcac	660
gggaggcatc	tgtggtatta	aaaaaaaagtc	gtggcatgct	tctatcaaaa	aaaaaaaa	718

<210> 6247
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6247
 gagcacctga ggcgccaaga gatgggcatg gatgccccga gttttctgctc tcaccaccgc 60
 cattcttgct cccgatcaaga caaggagtc tccgtctgc atccgcatat catccacacc 120
 ctcttacttc ctttgtttct gctccaccac caagcctccc gtgtcgccgc tagggcgctg 180
 cccagccgca aagcagcggg atcggaacgg gcatttcgag ggggaagcac cagtgcgtat 240
 gcctggcttc agtgtatcct caccgaggag catgattggg acctgaccga acgatgcccc 300
 gcttgcatcg tccgtcacgt cttacattcc gaaccgacta ttcgttttgt agccgtggct 360
 tgccttctgt cccgaccact gcaaggctctg gacttgctcc acgggaaaaa tcggttgccc 420
 agtttcaaat tctggcttga ggcattagaa acagctgttc gcgaggatcc tttctggggc 480
 catgacctct ggcctgatat tgagtaccgc gcgtgtgctt tgaccgacgg tgtcaagcaq 540
 ctgggtgctgc agtgccctgga actccgatct gcttggtgac ggcaaaagcca ccaatcccag 600
 gcatacgatl ccagtgtcca ctttcgtcgt gagtcatctg ggcaatcaaa ccaccaat 660
 atgaagccat ctgcgcctac attag 685

<210> 6248
 <211> 619
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6248
 cgagggatct ttctctccca atctacctca ttacaaacca aaaaccacca tgtctttcca 60
 tcaatcttgc gacctcatcc ggatcgaagt cccgtggcgat catactgtcc tccctgcccgc 120
 agctaagaat ggtgatgggg atgaaacagt tcccgcggag attgtccttg acgaacagat 180
 tggcaacggg gatggttggg tgcgtcgagg gggtgagaat ttcacagaaa ccgctcatga 240
 aatcgaattg gagttccggg aggacggtcc ttggttgact gcattctca ccgaagtcca 300
 tggagaagat agagagcgtc aggggaattaa tctggctgac catattggga atgactgtgg 360
 ccgacttgta tgggcttaac tggactggag caataatctt gtaaggttca cggcggcagc 420
 ggcagcggta gcggcagcgg cggcttcggc tctttctgac gacttccgt ctgtgtcttg 480
 gcgcttgctt caggcagttt ttaccccggc cctagagccc gaatggctgc ctgatgccta 540
 tacggttaga ttctagggag tcaaaacctc aagcgattcg ttctgttcca attccaatat 600
 attcttctt tggttcctg 619

<210> 6249
 <211> 650
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 6249
 gcccaccatc ccagaccag gtgaagcagg acccagagtt tttccctccc ctgcccagg 60
 agcccgctcc gcagcgatcc accaagggaat ccactgaact gcgcaatccc cgggatcatc 120
 catactatctc tttgcctact cacaatgatg gaaagtacta ctgccctttt gccaacggag 180
 acaagccttg caaccacgct cccaccaccc agaagtgtgc ttatcataaa tatctggatt 240
 cccacctgaa gccataccgt tgcaagggtc ctgcctgcat ggatgccag ttgcaattct 300
 cttccaatgc atgcctcttc cgcacagagc gcgaagctca tggattccat ggccatggag 360
 accaacctca cctttgcctt tttgaaggat gcgaccgttc gattcccga tatggatttc 420
 cccgtcggtg gaacctcttt gaccacatga ggcgcgtcca cgattatgct tctctgacc 480
 gaccacagctc ccagatgct tcccctaacta ccggccaggc tgctaagaag aaangagccg 540
 ttggacgcaa gcgtcgggtg actggcgttt ctggagcgca gaccatgaag cgcactcgct 600
 ccaccagtc ccagaccacc cgctcaaaaag cggccagcag acctccgcn 650

<210> 6250
 <211> 529
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

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<400> 6250
cgcccttttc gcaggattct ggagatacag cggaccatga cagcgacctt gactcggctt      60
cggaggcttc cagttatcgt gacaatcacc gcgcaagttt gacatcaagc gaactggtga      120
accgggacac cctggtgctc ctcttaacat atcttgtttt ctccctgtgc aacggtgcct      180
acaatgcgct ctcccgatc ttctgcagc ctgctcctcc cactggggcga ggtcttacac      240
cttcagaaat tgggtcttgcc caaggatttt ctgggtttcgt aacgatcacc ttccagatct      300
gtatcttttg aaagttgaga gataagatgg gaaatcggtg gtccctatcg gccggtctnt      360
ttggctttgt ggtttccttt atcctgatgc ccttcattgg ctacaagggt aacgactccg      420
gaggcctgtc tggtaaaacc gcgctcttag ccgctgagct atgcttcgtg ttactggtaa      480
agaacaattg cacttggggg nggaataacc agccccactg gtactattn      529
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<210> 6251
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

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<400> 6251
gtatgctgac aatccggcac gagggagtcg tcggcagagt actcgtgccg caagccgctc      60
gtccagtttt gcaaaccgca gcttcaatac ccccgagcga aataataaag aggttaactg      120
gggtaatgat acaacattcg atgccaaaca gacgcaatct cctgggtctt cacttcccac      180
aagccgacta agccgactcg cgtctttacg ggcccaaaga ctgcaaaccg acgatgaacc      240
tgccgagcac cgaagccctc acggccggtc aatatcaaga agcatgacgg atatcagtaa      300
ccaaagctcc ccatatcggt cccccccgcg ccagcgattt tcccagggat tcgctgcacc      360
tcaagcacca cagcctcagc aagaccagac tcccagggtac tcagcacaat ctacgcagtc      420
gcagttgccg caaccccgta cgccaactgc ttccgcagtc tgcattccac tgcgcagaac      480
cgtgatgact ccggtacat ctngtcaac atncaaccgg gtctcgtcgg atgggttgcc      540
ttcgggattc taccoccgaa aagccacgac gatgcacttt ctccctcgac agatcaattt      600
aaacaggata ttggccatcg gcaactagca gcagtattcc cctatttcgg cgaaacgacc      660
gtttgaaccc ccggagttgg at                                     682
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<210> 6252
 <211> 701
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

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<400> 6252
ctggcttgct gtccctgacg ccaatgcaga agagatacaa ctccctcagcg tcgggggggag      60
acaactcgga gcggcccaag gctcccacag aggaccggtt acctcacggt agcgaggagg      120
ccgcggagat aagcaagatc atggacaaga aatgcgatgg cactcccgcg agtccggagt      180
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tgagagcaagg	aacgcctatc	tcagagatcc	tccaacggga	caaagaagcc	cagaaacata	240
tgcccaaggt	catgcaagac	cagatcaaat	catcgactgg	tactcgctcg	ttctcgacat	300
ccactcgccg	gagccaggca	gaattacatg	gccaaggaaa	gagcttcgat	gagcaaacgg	360
ccgcagtgat	ggccagcatg	atctctcagg	tcaaccagca	ggctgaggaa	tttcatgatg	420
ggatcaagtt	tgacccagtc	gagacccttc	ccaagacaga	gaacttcgcg	acgagatatg	480
actcgctgct	cgaacaattt	accaaactct	taatgacgga	tggaagctg	agtagggcgc	540
anaaggatat	ggcgttcatt	ctggaccacc	tccggactgc	tcttcgcct	cagcccaacc	600
ccaagcggcc	tctgctttct	gggacccccg	ccccacagct	tccactgaac	cctgttctat	660
atctcacctt	gattgcccac	tccgttgctc	ctctgatcaa	a		701

<210> 6253

<211> 1262

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (1262)

<223> n = A,T,C or G

<400> 6253

cttccttaat	cgtcacaatg	cctggtcagg	tcgctgggtc	caaggttctc	ctcctgggct	60
cgggtttcgt	taccaagccc	accgttgagg	ttctgagcaa	ggccgatgtt	cacgtcactg	120
tcgcctgcgc	tacctcgaa	agcgcccaaa	agcttgctga	gggtttcaag	aacaccacgg	180
ccattgcctt	agatgtcaac	gatgccgacg	ctctcgacaa	ggccctcgag	caggctcgacc	240
ttgctatctc	cttgatccct	tacaccttcc	acgcccctgt	tatcaagtcc	gctatccgca	300
ccaagaagca	tgttggttact	acttcttaacg	tctctcncgc	aatgctcgag	ttggacgaag	360
agtgaagaa	ggccgggtatc	acagtcatga	acgagattgg	cttggaccct	ggtattgacc	420
acttgtaacg	cgtaagact	attgacgagg	ttcataggga	aggtggtaaa	atcacctcct	480
tctctccta	ctgtggtggt	ctccccgcgc	ctgaatgctc	cgacaacccct	ctgggctaca	540
agttctcctg	gtctagccgt	ggtgtccttc	tcgctctccg	taacgcgcgc	aagttctaca	600
aggacggcca	ggaagtcagc	gtcgccgggtc	ccgaccttat	ggctaccgcc	aagccctact	660
acatctaccc	tggtctcgcc	ttcgctcgct	accccaaccg	tgactcgact	ccctacagcg	720
agcgctacaa	catccccgaa	gccaagacca	tcgtccgtgg	tactctccgc	tatcagggtc	780
tccctgagat	gatcaagggtg	ctggtcgaca	tcggcttccct	gagcgatgag	cccgcgcact	840
tcttcaactc	ccccatctcc	tggaaggacg	ccaccaaaaca	gatcttgggt	gccacaaccg	900
ccgcgcagaa	ggacctcgag	tgggccatcg	cctccaagac	ctccttcgcg	aacaacgagg	960
agcgcaaccg	cctcatcgcg	ggtctccgct	ggatcgccat	cttctctgac	gtgcagggtca	1020
tccccgcggg	taacctcttc	gataccctct	gtgccacact	cgagaagaag	atgcagtagc	1080
gccccgagga	gcgtgacatg	gttatgctgc	agcacaagtt	cgaaatcgag	cacaaggatg	1140
gctccangga	gacacgcacc	agcaccatgt	gcgagtatgg	tgtgatcggt	ggttactctt	1200
gcattggctaa	aactgtcggt	gtcccatgtg	gngttggtgg	ccaaattggg	gcttgatggc	1260
ac						1262

<210> 6254

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6254

cttctacatt	cgaacagctt	ataagctgpa	gcgaactgct	cgggtggatcg	agaattctccc	60
tgggggggatc	aattacctcc	gggaagtgcg	catcgacgac	aaactgggaa	tctgcgctga	120
gatggagpag	caaatgcagg	agttggtaga	cagctatttc	tgcgagtggg	ccgagactat	180
ccgcaaccgc	aagcgccgca	aatacttcca	gcagtttgcc	aacaccgatg	aaacggttga	240
caagggtgga	cttgtaaaag	aacgtgatca	agagcggccc	acctactggc	cgagcgaggg	300
cgaaaaggag	gatttcaaaq	gacatcaqtg	gtgggtcttc	tcatggcagc	cgatcatcaa	360
agetgatcac	ttctccgatg	gacctcctgc	gatctcttcc	gccaatgtca	agcggggcga	420
tactcagctg	gcaatcttca	aggtcaaggg	caagtactac	gcaacgcaac	agatgtgtcc	480
tcacaaacgt	gcctttgttc	tgtccgatgg	cctgattggc	gacctgacg	ccggcggaata	540
ctgggtatct	tgttcatacc	acaagcggaa	tttcgaactc	aatggccaac	caaccccgcc	600

gtgttcaaac gatgaagcta ttaatatcc aacotttccc gttgaaggaa cggaccaatg	660
cttggtcctc ttgaaattt	680

<210> 6255
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 6255	
gtttctcccg tcgcaatagc aacggagcga ggccttgcg ctatcgactt acttcactgt	60
ctacgacaca tacagcgct acacacccac ataatctgag ccaacatgtc qgccaqtcca	120
gagatcaaac cggctcgagga agaccccggt caagcgcta ccccgggcgn cggcgatgac	180
aaagcccagg gcgtcgagga aacagccgcl gccgacttgg acgcagcaga tgaaaaggac	240
aacgggtccg atgacgagtc gattctgtcg gaggtagaca aggcgcagtt cgaggacttt	300
gacctgaaa atgtcgacgt ctaggaccgg ccgcanttgg cgatagatga ggataatctg	360
aagcttattg gacggcataa acggaaaagg actgaggatg gggagcggcc ccaccaaga	420
aggagggggg gggggagaaa aaaatccccg gatgaaggaa ttggaggagg ggggttaatc	480
atccccatat tatcatgaac ttacggtga gctcacgaga ggtaaagatg ggggtactac	540
gatgacaaga taaggagagg acgaatgcgt gtaaatcata tatagtatat tcgaatataa	600
ggagattatg ccgatgctca tcataaggag gatgtgggat gattccgagg atttattgtg	660
gttgatgttc tctaattgtag cc	682

<210> 6256
 <211> 696
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6256	
ccggacactc tgagcgttta acaagtctac cgaagccaaa ggtcgcgaat aagttcggag	60
cgaaccagtc gttcggttggg accaaaacct ctctgcctag tggatccatg ccaaaaccaa	120
cttcagcagt tgcgcgccgt ggtagcgcaa gcagaacttt tgcagatgag ggaggaaaga	180
ctcccgacac actttgggca gagagaaaag cgaaggaacg gggacaagct actgcatctg	240
atgtaccacc attggggcac gaggagccct cgcttcaaac acagcacagc ggcagagccg	300
agtggaagag ctcatacagc ggtagaacgt ggacccctgt tcagaccaca cacactggaa	360
agtctctcgg cagcaataca tctcaccagg ctacggaccc tactgcaaac gatgccacgg	420
caacagagcc tcaagtcccc caaagtgtca gtgctcttcg agaccaattt gcggacaagt	480
gacttgatga ctgggtccc gaggttaggt ccgatgagcc gtgggatata agacgttctg	540
tacctcttgc ccgttacca acgggacctg ttgcaccaga agctagccag gagcccgaag	600
ctcaccgaag ggtcccgagc ccttctggca agctcggtcc cctacttcaa cccctccagt	660
acgggaagca ttcgtatcc gtgttgccat gcctgt	696

<210> 6257
 <211> 737
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 6257	
ggtctgctct tccgcacgag gtgcagtaga gatggaggat ttaaggggct ggaggttgtt	60
ctcttgcttg gagcaataac tattcgatgat gtgtatttca ctacgatgaa ggatgctttc	120
aaacttgatg cgacatcggt tcccgtagga cctacccctg ctgctgttgc gaatagtcca	180

aacgggtcata	ccactgctcc	cgcagctggc	aaggataaac	agcctgtctc	agctggatct	240
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ccacgacgca	aacaggaaca	agataaaagag	gaggaacgcc	gcaccaagaa	acttcttgaa	360
gaggaagaga	aggcccgcgg	caaacgccaa	gccgagatcg	acaaagaaac	ccgtcgtctt	420
cagagacttt	acggtgagga	agaacagaga	gtccgccact	ccactccgtc	gcttccgcca	480
aggccattac	aatcgccctc	gccatcagag	cggccagctg	ctgctggacg	tggggccccg	540
gctcagcggt	actaccatac	tcaccacccat	tcacctcccg	tgccgcatac	cggacatacg	600
ccgtacctnc	agacccctgg	aggtaatcca	cacaggcagt	cagtagcggt	ccttgcgaca	660
cagccacaac	cagtggcggt	atcaaagccg	caanaatgca	acagaagaag	agtttcttcg	720
gctccagaag	tcacccc					737

<210> 6258

<211> 1257

<212> DNA

<213> *Aspergillus oryzae*

<400> 6258

aacagaagag	attataagga	attaggaana	agaaaacatt	ttttcttagt	tcacttccca	60
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attccgggtc	atcgtttacg	atactgctat	atatccagcg	acccgcttga	tatctgctat	180
cattgagtca	tcgagcctag	atcggctggg	tagatacacc	gccacagtc	atacagcaat	240
tatgccagca	accgtgaatt	accgggtcgt	tgagcccat	ccttccgttt	cgcgccagc	300
tcttcataca	gctcgcggcg	gcgcaggcaa	catcatcagc	ctgaagaaca	ccaagaccac	360
cccttcacag	acggccaccg	gtcccccatc	cttgacacgt	ctggactctc	acgtccctcc	420
cgtctacaag	tcgggcccgtg	gcggtgctgg	aaacgtccac	agcagcagtg	agcgcgccat	480
cttcagcttc	gacgaggaac	tcgaacggga	ccttcgtcgc	gccgctccag	tctaccacgt	540
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gttctccgcc	agtagcaatg	ccacgtcgag	tagcacgggg	tcgaccagct	ctactcgga	660
gaaggccctg	cgcggcttag	agaagggctg	gggcaagttg	agaggaatgg	catagagacg	720
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catttcgaac	atgaaacatc	acgacttacg	accacaccaa	aaaaagtttt	tattttccac	840
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caaccggcac	tttactTTTT	tgactgccta	ttcagggtca	attaaacctt	gtttcaaaaa	1080
atTTTtcact	tccaagTTTT	cattattaaa	aagtacgccc	ggttttggaa	ccggcaaaag	1140
ggctTTTTc	gtcctTTTacc	TTTTaaaaaa	aaaatttccg	aatggaaac	cgttgctTTa	1200
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<210> 6259

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6259

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cctgagtgc	gattctgact	tggaggaaaa	cgactatgaa	cctgcctaca	caccogttcg	180
tcgacgtgcc	ccgtcgcggg	tygccattgt	tcgagagana	gaaatcgagg	aggactacga	240
ctccgactcc	gaactggact	tttgaataga	ataaccggaa	ggcttgggaag	gaactgggtt	300
taaccogtgc	gcattaacaa	caaattccgc	ttgacctgcc	gtttgattcc	aagaaggatc	360
cgaaggagga	ttaatggctt	ccttcccccc	ggaaaccaag	gttgaaaatt	ttttttgaaa	420
agcaggccga	acttaccgac	tttcaatggt	cggaaatgga	tttggaggcc	ggtattttact	480
attgaaacac	tctcgaatac	aaatattgtg	ggctctttta	ccttctctct	gtttgagcaa	540
tgtgtctatg	tgccatccct	ctttgtgaga	acctctctac	actcttgtgt	gtgggttgga	600

gattgggttca	agaacactta	tttttacggg	tttggcgcggt	tgggtctgaa	aaaaaaaaa	660
tatttattgg	tggggaaatt	tt				682

<210> 6260
 <211> 700
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6260						
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ccaagaacaa	gaaatcaaaa	agaatgtca	aggacaacaa	gccccaaagat	aaactccaag	180
cccgtcagaa	agctgctaca	gacgatgata	cccccaaagc	atttcgccgg	ttgatgcaat	240
tccagacaca	aggaaagcag	gcgccatcga	aaccaaatac	tggcgagagt	aagaagcggg	300
aaagaggggc	ggaaaacacc	gataatgcga	aacaaactac	gcgcaagaag	tctgccccctg	360
tggcgatagt	ggaccagagt	accgatgtcg	aacccccagt	gaaqccgaaq	atccttccqg	420
gagagaagct	gtcagatttc	gcggcgcgag	tagatcgga	aatgcccatt	gctggaatga	480
aaagatctgg	ttaaccgcga	aagtcggatc	tcgctgatat	ccgtgagcat	taagtaacca	540
aacatgagaa	acattttactc	cgactacaat	caatgtgggg	ggaggaagaa	gcagaaattc	600
aagaacgtga	agctgttgac	cgtgaaaagc	cagaggcata	actggtagac	cattagaatt	660
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<210> 6261
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 6261						
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catccgccac	ttttgactat	tccgcgaccc	ctgtagactc	aataccacgg	ccatggggacc	240
atcagcgatc	ccgttcgggg	cacaggcata	cagagagaca	ggacaaccca	gctggtaacc	300
gacagcaacc	tttaactata	tcaaacacgg	aactaagaac	caacgtggca	acagaacgcc	360
ttcgacgaca	aagacagggt	gtcaacgaaa	cacataatcg	aaaccacccg	cggtatcgac	420
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agcttccaga	ccgcagtttg	ggagtggggc	aaagatatca	ggagccaggg	actgctgctg	540
gaattgggtg	gtgtgcaaac	agcagaacat	tgtacgtcgc	gactgtcgat	ggtatattcg	600
aataccagct	taacatttgcg	gactcggaaa	cattccccgt	tggtaattac	cgctagatca	660
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<210> 6262
 <211> 637
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6262						
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aaatgggtgg	tcgagcgacc	ggagttaaagg	atgggcgcct	attgagccgg	cagatcagac	180
gacagaaacc	atgttcacgg	acagctcctt	tgtgaatata	tttgatcgct	atgtaggcgc	240
tctttgtcct	cactcgtaaa	aggctcgatc	tcgacgaatg	tgggaccgac	accacatatg	300
cataggctgt	attcgacccc	actccatggg	acaatttcct	tcgaactgga	cggtggctac	360
tgatatatgc	caccaacctg	accttgcctc	ctttcacgga	ttctttgtgt	cgcctgcctc	420
attcaagggtc	acccaagatc	ttgccccagt	atttagccag	agcacaattt	ctggatttgg	480

cgacatcatt	ttccctagtc	cgtggaacta	cgtggataag	ataaaaatacg	agccttctga	540
agagcacccg	gatctggact	atgtggaaaa	agaaaaccgc	ctttttttgga	ttggcggcac	600
gtcgaagggc	gtgagtcgcg	acgggtcaatg	gcaagggg			637

<210> 6263

<211> 888

<212> DNA

<213> *Aspergillus oryzae*

<400> 6263

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ccaactttct	ctgtgtgcaa	ttgtggagtt	gagagtgttg	aagcccgccc	cctcgagcaa	120
aacaagcgag	acaagtctct	gccgggacta	aaactcgaga	agcaacttgg	gctgcctgtg	180
tgacaggcct	tagcatcagt	tcaattcggt	caaccttata	gaggtctagc	gacacaagat	240
gtcgagcgac	aagcctgaag	ttactgaagt	aggcatggtg	gcctcaccgc	ctgccacaaa	300
acctagcttc	aaatctcgcg	tggcggccca	ctttaaqaaa	tqqtqqtqqq	cgcacctcat	360
cgcattcggt	gtagtgggtg	tgtgtgtggc	ctttcgggtg	gtatatgtcg	gctatccgaa	420
catcgcacag	gacaacatta	acgactcgaa	attggaagtc	aagtcgatgg	ttatcagtga	480
gccgacaccg	aattcggttc	atgtggacca	gcagcaggtc	atctggacgg	atagcgtggt	540
tcaccaaac	atctatagct	ttaacgcaag	tgttggtcta	ctgggcgcag	ctgcattcgg	600
tgtcgcgact	attccgcaac	ttaagtctag	ggacggggtc	gaggtgcatg	tagatcagcg	660
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caccgtgacg	tacaaccaca	ccgtacttat	gaagggccta	aacaagctta	aaggattctc	840
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<210> 6264

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 6264

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acagtgtacg	aagactttaca	gttgtgaagg	aaccgtgcct	cctgtattct	ataatggcag	180
tggcgagtac	ccactggggc	tgtacccttc	catcggaccg	aaggcgtacc	atagcagcca	240
cacgttttct	acacaaggcg	acccggatat	accgacaaag	tcttcagcaa	cccacggcc	300
gagataacat	ggacatgctc	atcacaagct	gcctcctgct	cggaatgttc	tccttcctcg	360
ccgagacgac	aagtcgcgtc	gattcctggg	ttttctcaga	tgaccgcgac	agtatgaact	420
ggctctccgt	ccaatgtggc	cttcgctgtc	tcctggagat	caccaaacca	tggatggacg	480
acagcatctg	gaatgaacca	tgccaggaat	cgagcaacta	cgaatatgcc	gatgatcacc	540
gagtggggcg	ggaggatctc	gatcccgaa	tggcggactt	atgccatata	acggacacca	600
caacggaaga	gacaaacccc	taccattggg	ctttttctat	tc		642

<210> 6265

<211> 738

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 6265

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caagcaaaaag	cagtccagca	gattcaatca	ggcgacgaaa	ctccccaggg	ctgaaggcta	180
aagaagctgc	agagcacaaa	cccagttcct	cctccatcac	catccaagaa	gcttcccttc	240
caacaccaga	gcattgatcaa	ccaaacagca	ccccggaagc	agcaacagat	gatgccatca	300

gcaagaagcg	ccgagcatat	cccatgctcg	ccctaagccc	agcccagatc	gccataatcg	360
agtcgctcaa	ctccgtggga	ttccgcaaat	acccgggtcta	cattcacaat	caccgacata	420
gccatgcagc	gatcatcggt	cgggccccca	aaccgggctt	cgacaaaggc	aaagtagtca	480
tcaggcattg	gctcgatacc	gaatttcaga	tctaaacggg	gacccatcga	aatgcgggg	540
tgcggaaata	gtcccatggg	tgcaccccat	cgagtcctcg	tataggcaac	atcgaaaag	600
cacacggtta	ctaataagcg	ttctgaatgg	atccgggtacc	tcgcgcttca	acgacgccg	660
ntcctgtccg	gntctcgcca	tgaggggggtc	atgtttcatc	ctcgtcgata	tcaaccctac	720
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<210> 6266

<211> 756

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 6266

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ttaattcttca	tctttccgtc	tgaacccgct	ccaaaacgcc	tgcatactga	tgcataatcc	180
taacgacaat	cgccaagcaa	tgcgatggta	tcataacttc	tctcaatcc	aagtatatat	240
aaaatcaaaa	aagagcagag	gtcataagat	aagagctctt	ttcccccagc	ctagatctac	300
ttgcccagca	tcacacccgc	gccccctcatc	aagacgatgg	tgtgtccaga	ctgcaccttc	360
ccggctccga	ttgcgtccga	gaactccagg	aactcgcccc	actcaacatg	gaagatccgg	420
agtcgttctt	tttcgtccgc	acgattgttc	acgttctcca	cccgcagtcg	ccgcgccgca	480
tgcgtccagaa	ctgcgccgac	cttccaccgg	ctatcgaagt	agaagtcgcc	attcgggtggg	540
tccacctctt	cggtatccga	tgtgccgacc	acatgtagat	agagccgttt	gtcggcgggg	600
acattggcgt	cgcccttggc	agacttcttg	agtgtattca	gctggacagc	ccgcgccgnc	660
ggactattcg	gtttcgggaa	acaacgggta	actatTTTTT	gcgggccgga	gtcatctgtt	720
ctgcgttggg	atggaatgtg	gcgaccaaga	tcggan			756

<210> 6267

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6267

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tatatataga	ctatatcatt	agtgaacgct	tttggatctt	gaacatcaac	tgtgcggggag	120
tcttacgctc	tctttccctt	cttctacctt	cggactctct	tcactctcatt	ctgtttctct	180
gtatattctt	ttcatttttg	gggggtatag	aaaagtcata	gcaagcgctc	atggataact	240
atcgggatta	cagcagtatc	gtccattcac	cgccattcac	tttccgtggtc	ggcgccaacc	300
acaccaagtt	aaccgttcaa	tcgggacttg	cccgctcatgt	ctcccagccg	ctggaccact	360
tgatgaacag	tgggggaaacc	cgcgaaatcga	aacatcatat	cgccgtcttg	gaggaggaag	420
atgttgagac	ctttgtcgcc	ttctgcgagt	atgcctatac	aggtgactac	agcgtccctg	480
gcccggacaa	ccgagaggaa	taccaagaac	aggtcgtgaa	caaccctatc	aaggggtgtg	540
tctctggaga	gactgtctctg	gngcagcctg	accccaaaac	cagcgacgag	acccacaacc	600
gtagagcaag	ccaagcgagg	aagtttcacc	acagccggaa	caagcgccgt	cgactccg	658

<210> 6268

<211> 1315

<212> DNA

<213> *Aspergillus oryzae*

<400> 6268

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cactctttca	gctgttcacc	tcgctgtcca	tctgtttctc	tttaccagcc	cggtccattg	180
tgctctgcga	ccccgtctct	tcagaccgcc	cgaccgacct	gatacattcc	ctctttttgt	240
cttgaataaa	ctacgacttt	tacaagatag	ttaccctggg	tattgttata	ttctttctct	300
tccagtaaaa	cacttggtcg	gaaagtgtat	acgacctgga	tccctattga	attatacttc	360
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gttcttgtct	acgatgagaa	gaagagactc	atggagaact	cgtaagccc	cccaccagc	780
ccagtcaccg	agatccgcct	tacgttcccc	gaggaagagg	atgaatctgg	aaagcgcaaa	840
tctggacgca	tggtggttgt	aagaattagt	gatgctgggt	gtgttggaat	agagccatgc	900
catgacgaac	tgccaccata	tcagtccagt	gatgcggagc	gtttccagtc	cttggacatt	960
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tgataaactag	ataaccagcg	cctgtctatc	tatccgtgat	acccctttca	aacctcttac	1080
tcttcgacga	tctcaaaaag	catgacgaca	tcccgcgcaa	gatttttttc	cggttcttac	1140
atatcgccac	ttgcgtttcg	ttgtaacttt	ctgacttgca	catacgcgga	ctgatacctc	1200
cctgtctgacc	actgcactcc	taatatctcg	tgattcgggt	tttcactctt	gtcctgctgg	1260
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<210> 6269

<211> 854

<212> DNA

<213> *Aspergillus oryzae*

<400> 6269

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tccgggataa	gcaggcggag	ggacatcagg	ggtttcgggg	ataggataat	tctccaatgg	180
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ggttgtccgt	gtggcatcgg	tcatggtaag	gggaatccta	gtgttcaatg	ggcgagtaca	480
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<210> 6270

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6270

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ttctaccgtg	ttatgctggg	aattgctttg	cagtcactgc	agcagctcac	tggcgccaat	180
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accagagatta	ttctgggtgc	cgtaacttcc	ggcatgaccc	ttcctgggtc	ctatgttgtt	300
gagcacttcg	gcgtcgttaa	tagtctgatg	gtcgggtgct	cctggatggt	tatctgcttt	360

atgatctggg	cctccattgg	tcacttcgcc	ttggacttgg	agaacctcc	caacacccct	420
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tggggaccta	ttgtgtgggc	tatctgtggt	gagatgtacc	ctgctcgcta	ccgtgctgtc	540
tgcattggtc	ttgccactgc	cgccaattgg	acctgggaac	tcctgatctc	tttcttcacc	600
cccttcattc	tcagcgctat	cgactttggc	tacgggtacg	tctttgcagg	ctgctgcttc	660
gncgncgtgc	ttg					673

<210> 6271
 <211> 1031
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1031)
 <223> n = A,T,C or G

<400> 6271						
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ttcagccgtg	acttttaacg	cggggctctc	cccgtctcga	cagccatctc	catctgcagc	180
cagagccgag	aatgaaccga	taccgcgtgg	acgggataat	cgttcggaaac	ggctgggtatc	240
gaatggctcg	aagaaccgtg	catcggtgcc	aaatggctca	tcctcccaac	caaatgcacc	300
ctcagaccgg	tcocatagcat	atggtagtct	gactaagcgc	tcgaattcaa	ccggcgcagc	360
ttttatggag	cgaaccaacc	ggcgtgcttc	tggaatcaact	ggccgaccca	naagacatag	420
tttgcgttcc	agtctctcgc	aattggacca	gaatgganac	agcccagtg	aacaaagtat	480
tagaagtccc	acaaggcagt	ctgcatcccc	agatccgcc	ctggatagct	cgcgaggtaa	540
cgatgggtat	caactacacc	agcttgaacc	gtccgatcta	aaggctaaac	agctgagtcg	600
aagcagctcc	acaaggagat	gccgacgccg	gctgagcagt	at ttttgact	tcctgacccg	660
aaagcaccac	taatgaagcc	cggtgtttct	acgctggctg	gtggaccagg	tttcatacgg	720
ttacatgaca	cttaattcga	ttctacgctc	cctctagtag	aggtgaggag	gagccccctt	780
atgggctcat	ttttgaacat	actttctttc	ccggtggcca	ggtgctatga	agggatttta	840
gggaaaagct	caaaacaatt	tgctcacggg	ctccgtgggt	tctgtcttta	cacaatactc	900
tcacctcttc	gcagcgctgt	gatctttgac	gatcaagagc	gactgggccc	ttcattttcg	960
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ggccttttac	t					1031

<210> 6272
 <211> 552
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 6272						
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tcgagatcct	gcagcaccga	ttctcttttg	tcggactgct	tgatgcaatt	gcgggactgg	180
aagctgggtc	acggaaacttc	acaggcggtc	tttctacaac	gcttcttctc	cagaccgggc	240
ccggatcttc	agacagcctt	agcagcggat	ccgacgagcc	aacatccgtg	cgcgagctca	300
ttgtgcagag	acttcgtgca	gaagccggtc	agcgatctc	cacctcaaca	accaccgttt	360
ccctcattga	catccggcct	tcccacgtgg	gagacttcgt	cggtaatcag	tcattctggc	420
tgaggactcg	gaataagcta	tacaaagatt	tgaagccgac	cgaaccggcg	aaaaattata	480
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tactgcgacc	ga					552

<210> 6273

<211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6273
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 agaacgataa tccctacagt agcgaagttg ggaaccacca ctccaacggg attgtttgtct 120
 taatctcatt ctgctgtgca cttggcgctg tgttcttgat tgtcatcgcc ggggttatct 180
 tcaataagat ccagcggcgt cgtcagggtc acatgccggg accgcaggcg tacgggaccg 240
 atcgggtcttc gagcatgcgg cggctgcctc cggagtacct gttcagcact ctgaaatcac 300
 tgaacccggg cagcgcggcg atctgaacgc ctgagtgcgg atccgtccat cgcacgcgat 360
 ctaaattgga cttctttttg accactcaga cggcgcttct tgggcagaaa accgtcttat 420
 acccgtaatt taatcctggt ttacgttttg catctctact attctagttt tacctctccg 480
 gggttatccg gacgatgcgc tgttcaactc ttttgccctg aggtgcttcg acatcctcgc 540
 gtgtttgatc tctacctttg acccgacctg gacttgtcta tataaacctt ggtcggccgc 600
 gtcgtttctt ttcctgaacc cctttgggtg ttgatgtttg gaccatagtc tttccctgac 660
 accaggaggg 670

<210> 6274
 <211> 638
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 6274
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 acaacgcaat gaccaataac actagcaatg agacgacact cccatccaag accaacagac 120
 ctaacaaaacg gccaaacatt gacgagcgct ctgtcaacga acggggccaat aaacaggcta 180
 ggacagccga gagagattcg acctatgtgc ctgaggaaga cccagaatct ccggataacg 240
 gagatattca tgaggatggc tcatcgagcc ccatgcatgg tcgaacgaga agttcgggtga 300
 actccttggc aaagcttaga gcccaaacag tcgcaacaca gccgatatct caaagttcca 360
 gaaataccac aagcttacag acaagtgcac cggataaaac agcttcggag tcccttagcc 420
 aggcataaaca aaccaggggc actgagaggg tcatgggctc tgctcacaat aacaagcctg 480
 tgccgaccac tacagcgatg cagggatatca gtctgcccga agccaatcca ggcaattccc 540
 cttctaaagc ttccgagccg gagcggggcca gtgcgcanat agaatgcatg agttttggca 600
 cggcgcaaga actatttgcc agcttggtga aaaccatt 638

<210> 6275
 <211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 6275
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 acgcggggct ccatgggctc ctattgcccc catcacccgc atcgctcgct cgtccagtea 120
 agctcttcca cttctctcta atacctctt aggcgcggca cagcatgtcc gtcagcgcg 180
 ttaactctca tcttctctct caaagcccag cgaagggtcc aqaaaagtcg acgcttcttc 240
 tcagaccccc gcaaagggcg tgaatgcaag cgaaaagcgt gagggtaagg ctccagagcg 300
 aaggggaaaa gatagcagtg gccgcaacgg ctccaagtcg aaccagcata cggctctctc 360
 gagactgcct agcgttcctt ccaccaaca ccttcaacct catgatgttc atgtagcttc 420
 attcttttct atccatcgac ctatctccgt ttccaccact gttctctctc cttctagccc 480

tgaagcattt	gatgccatat	tcaccgcgaa	gaaatccacg	aaacatgaat	cggatgatgt	540
gattttcact	ctatcctcta	ccgtcaactc	catggagAAC	cctgcctatc	acctagggtga	600
acaagaaggc	tctctgaacc	acttcgatat	ggaggggtaac	cagctcgacg	gaatgaacat	660
gggcggaact	gaang					675

<210> 6276
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 6276						
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tcaatcagga	tgcagttgtg	gaatactgtc	ctccagctca	gtttgctggc	ttttactgcc	120
gccccgaccg	cagcggcctc	cgcggtgggg	tttactgatg	ccaccgtgtc	agttcaaacc	180
aagggcgctg	gagtcgggtc	tggattgaag	gaaaatatcc	ccgacaacaa	ggccctcacc	240
aagcccgctc	ccctcggaag	tgcgcacacc	ttgaagggtg	ctctcacagc	ccgcgaaggc	300
agctccggaa	aacgcgcgca	ccaggttttc	ctcctcctcc	aagaccggga	gaccggacta	360
gacatctctt	atcccttcaa	tgtgaaggaa	aatggcaaat	cgagggttga	gctgactcaa	420
aaggaccttc	ctgttcaatt	tctctccttg	gctgagcctc	tcgacgcana	gctcttgatc	480
gggtcttttg	gcagcgcgga	ggcctacaat	ggcgctgcgt	tcaagttggc	cgttaccggg	540
aaccccgatc	agccagtcct	gacagttgag	gtctcgagat	acggaaagct	tcctgagatc	600
caccacattn	tcaaggagga	tgcgcgaagc	ccaccgattg	tcctcactct	cgcgtttgtg	660
gcaatggtgc	ttggcacttc	tccc				684

<210> 6277
 <211> 670
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(670)
 <223> n = A,T,C or G

<400> 6277						
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tatgggtcac	gcactccgtc	aatgaactcg	cggtcatcat	tcaccgatct	atctgatgct	120
gacccatttg	acgaagcctc	tgcgcgagag	cccaaggagc	atcggcggag	ctggagggtt	180
cctcggtctg	caaaacggag	taatgagcaa	attggactcg	gactagggtc	cccgccgctc	240
ttggctttct	acccaggagc	tgaccgcagt	acaagctcgt	ttggcagctg	gcctcactcc	300
agcaaaagct	cgccgtctga	tctccagcag	tttgccagcg	agcattcggt	tcagccgctc	360
agcctggacg	ctgaagtga	caacaatggt	aaggactcgt	ccgagccgga	gaagcgcagc	420
ttgtttggaa	agttcaaggc	caaggttgcg	caggttcggg	acggagtcct	ggacaccgaa	480
agggaccgga	caaggagtcc	tcccgtacat	tcagacgcag	agaaatctgt	ctcaagccag	540
aggtctctct	ccgcccctaa	ggaaagcagc	caagtgagac	ctgctccgnc	ggcgccaatr	600
gatgtgacaa	gagagctcca	ggaaatcaac	agcagcgcag	tgtctcctct	ccctgggtca	660
ggtatgcggg						670

<210> 6278
 <211> 649
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6278						
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gatgcagatg	cgccctgceg	cattccaaac	gcaacttata	cccacgtgca	atgttgtgta	120
aaggggtgact	attgtatgag	caatggcatc	tgccactatt	ccaagaacaa	ttcgggtcaat	180
ggatactata	cggcggattg	cacggatcca	acactccagg	acccggcatg	catgaaccga	240
tgtggcaatc	aacctggatc	aatcatagac	tatgacgaag	atacagggct	ttgggcctgt	300
tgcacatata	ccagtgatgg	aaaggccgat	tgctcaagcc	tttctgttga	gaaattccct	360
gctccagcac	ccagcaaaact	ggttacaatt	caatatctgc	ccgcaaccgg	cacaccgcta	420
tatgcgactc	cgactgatgt	tgtgtctcca	ccggttgtga	attctaccgg	cagtcagata	480
ggagccgggtg	ctgcggctgg	gattggggta	gggggttggtg	ttgggtgtatt	tttgcttgca	540
atggcttgtg	cattcttcta	tattcgacgg	aggaagtcac	cgcaacatag	tgttgtaccg	600
tcgaagtctt	ggaccgagtc	aatggctaca	gtacagcagc	cgcaaacag		649

<210> 6279

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6279

ctctctcctt	ctttctctct	cttgttctct	gtctccatcg	gtcggctcctt	cgctccctct	60
cgacctaat	aatttaattg	attgattcta	tgctttgatt	gatttctgtt	catccatcaa	120
tctctcacgt	tgtctcgtec	ctgttcattt	gctaccgtcc	cgtgtgggtg	agctgtcgat	180
cgtattaata	ttatttatta	ttcttcttct	atttagtata	tcacttgaca	tcgtgactgt	240
ccctcgattt	ttccaccac	ctgagatgac	tcactgggtga	tcctttaatc	cattcatttg	300
gccattactt	tgcgatctac	acctgcatcc	gtcaatcatt	cagattcagt	ctacgtgtca	360
caacgcattg	cccatgcgaa	ccagcaacta	gtgagggccca	ttttcgccct	tcatttgaaa	420
gcttatcgac	catgcctaaa	ctcaatatcg	cctgccccgc	tcaagacgag	gcagatgata	480
ccggagttca	tcaaccttaa	gagtctcacc	gtaccagtcg	attcttctac	ccatcacatt	540
tgaccgaacc	cattcatctg	gaaaaactaa	tatcgtggtc	ccaccagaat	acatgcgtcc	600
caacctgaac	tcgaactgcg	gactttctct	gcacacgtcg	ttccaacctt	ctgaagaccg	660
cgtgtgcacc	gatac					674

<210> 6280

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 6280

gattttacgg	ccatgctagc	aacgggtgtag	aaagcaacgg	tcattgtcgaa	tcaggggcaaa	60
gcaccaagca	gagctcccag	taccogtata	ccacagagcc	agagccagg	aatcccactg	120
tgatgcccac	ggaacttctc	tccaagtctc	actttgcctt	cctcatccgc	gatccccact	180
tcagtgtccc	ttcatactac	cgtgttacca	tcctccccct	ggacgacgtc	accgggttct	240
attattatga	tcgggcccag	gccgggtacg	acgaaacccg	tcggactttc	gactacctgc	300
gaagcgctcc	cctgatccgg	cctcatatcg	cgacgaagga	gcaggacgag	gacgagatcg	360
acaacaagct	caqgcccgtt	ctcaacgggg	tcggtgaggc	acacgaatcg	gcaggagatc	420
tgcgctcgtc	atggggacga	tatgctcgag	aagccggggc	caatgatcga	agcgttctgc	480
cgtagcgtgg	gtatcgactt	tgaccctgtc	atgcttgagt	gggacgacga	gtccgaacag	540
aagcatgtgt	gcgaagcatt	cgagaagtgg	agaggatttc	acaacgacgc	catctaattc	600
agaaggctac	aggccggaaa	catggccgtc	ccgtgaaaac	cgaaaaggat	ttct	654

<210> 6281

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<400> 6281

tgaaatgggtc	atacacagac	attacgatcc	attcctacaa	cccatctttc	acacgtttcc	60
tjattttggac	gagratcata	cgaaggatgt	gtacacgcgg	catccaacca	aatccaacct	120
gtggaaagctg	cgcggacgtc	tagatgaagt	tgtatcgctc	agtaacggag	agaagtccaa	180
cccagtcacg	atggagaaga	tcacgagggg	acatgcctta	gttgcgagag	ctgttgttgt	240
aggcaatggc	aaatttcaac	cagccctact	tjttgaaccc	aattggaatc	aatggagtga	300
ggatgatcca	cctagggact	tgatcgccca	aatttggcct	acagttcaag	atgcgaaccg	360

tatcaaccca	gcccattggac	ggattatgaa	aaacaaaatc	ggggtagcat	tgaagaacaa	420
accgttccag	actacaccca	aagggagtac	gcagggacgg	cttgctactc	gagactatga	480
gaaggagatc	gaggatattt	atacaaaa	ggacgatgga	tttacggaat	atcaaatacc	540
agatacggct	gatttgtctg	gcattcagga	atttgtccga	aatgtgggtt	cagacgctct	600
cgggttctcc	tctttctcag	accagacaga	cttttatagt	ttgggggttc	gattctttgc	660
agacaatgca	gcttaaccgc	actttttcag	ggctaaaatg	gtcggg		706

<210> 6282
 <211> 681
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(681)
 <223> n = A,T,C or G

<400> 6282	
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aaaagacaaa	120
gtcaacggta	180
aatatagtga	240
attgagatat	300
gggttgacca	360
ttctcggcag	420
gcagccgcag	480
gcatatgcag	540
ttagggtgaa	600
gtaactggcg	660
gcagccattg	681

<210> 6283
 <211> 759
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6283	
cgactggaca	60
ctatatctcc	120
ccacactttc	180
ggttcacttc	240
attgtcagac	300
acctgcgata	360
cttgatatct	420
acaactcctg	480
aactctccta	540
ccaaagggac	600
tctctctcct	660
gaggaaacccc	720
atcagcaagt	759

<210> 6284
 <211> 685
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

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<400> 6284
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taaagacgac gcaggacgtg attctccgt catggatgga gcaggttgct cttcagagaa      180
aggaccggaa tttgatactt cgggtcgggt tcttccctc gaaacacagg ggaaagactc      240
tagtgaatta aatcaagcac actctggcag agttccaagc taccacaagg catatagcgc      300
agcacaggac cattcacgc catctggccc ctcccacggg cccaagtctt tgtcctcgca      360
aactcgcagc tcaaatatct cgtattatc ggctccact cgtcctcgcg gagggccgag      420
cttcaaggaa aacgtttgga ccggtgctcc cgcgcgcccgt gggcccattgt cagctgggtc      480
ctatggggcg ccgactggcc cgcgcagcgg ccatactctg atgccagggc ctggtgtgga      540
taccatcgt cattctactt accggcaagg gagtggtagc ggagtctctt atcctcgcac      600
cccgaggtac atgaatcacc ttacgggccc tncctcgatt atatcaaggg ggagattgcc      660
tncatctgac ctanatgccc tcacg

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<210> 6285

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(694)

<223> n = A,T,C or G

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<400> 6285
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tccatgttat tttactaagc gatactcacg acgcaaaaact aaagagccgc ggctcaccga      120
gcaacgctct cccccaggga tcagggccctg gcagacgtgt agatggttcg tatctgcatt      180
tcaattttct gtgttgccct gattagcgaa ggtctatttt accattgtgg tataatatat      240
tgacgggact ctcttactct gtacagcacc agaaccgtct acctctccg tctgaactg      300
gtttcttttt cttctctctt tatttcgtta tgccgtcttt ctccgcgcca ggcttcaag      360
gctaccacc cactccccc caccatcatga gcggtggcag aatggactcc gagcaccat      420
tttacgtggt tggccactcc gcctttcccc ctcgctactc gcagagcggg tgtgaattta      480
ttgagcagta ctcccaatcg tctgtctact ccaagcccgc cccgatgaac atgcaccctg      540
cgtcgatgcg cagtggcaga gatatggcca tgatgaacca gcccatgttc ggtccgatgc      600
ctactgcgaa tgtgtgct ncccttcgaa acaacgtcca gttacccctt atggacagcg      660
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<210> 6286

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

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<400> 6286
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gcttccgcgc acccgcagag atggaccctt taccacgaa attcggcatt ccttcattga      180
gttgggtgcc gcctttctcg agtcaccagt cattttccca taccagttct ccgagccaat      240
caccggtgct caacgagatc tctatgtacc gtcagcgggc gggcgctcct cgtggcatte      300
atctcgcacc gtctaacaact ccttcctaca gaggcagccc tacggagcaa caggagaggg      360
cgaaactctc ccattaacc aatggtgccc ttcaacctca ggcttctcca gggtttgtcc      420
ctgagacatc tcacaacact caggccggca acaaacgacc tcgtgacgac gatgacaacg      480
atgacgcagc ccattgatcg cccgtccatc gtctccgtca agacgagccc agccatccat      540
cggccaccat aactctgaac caggaatctg ctttgaacgg cagcacagcc gtagacagtt      600

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ctgtcgagaa cacgtttggc anactctggg agcgagtlgc accactcttc aaggatcctg	660
ttctggccca ngggccccgc ggcattgaaa tccgaatcca tcatgcgcga attattcagc	720
gaaattggac cgctcta	737

<210> 6287
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 6287	
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gcgcaatgga agagtcgtcg gtcgagagcc ggtgaactac ggtcccaagc tcacggagaa	180
agagagggag gaggagaacc gcaagcagta tccgaatatg ttcccgcgcg agggcacggc	240
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gactttggct acgtttactt tcaactacgaa ctttaagcgc tcgtcgccgt ttgcgcactt	360
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atcgaggatg cngagatgag actgcagtac cgggttgctc atgggcttga ggagctcgct	540
gaaagcaggg cagactgaga ctgaggtggc gatgatcagc tccgtagctg cgatcggaga	600
caagcaggag gtgggggatat gtgattggag ggaagaaaga ctgtaaa	647

<210> 6288
 <211> 613
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6288	
ggtgcgcgcg gcgcccgaagg gtcacctcat ctgggcgggtt cggcccatcc aagcccggcg	60
caaagccacc ttgctggccc tccaggtatg gtgccacagg gtcaaatagca acctaattgt	120
ggccagggca cgagcgctag tgctagcccc aatggttagtc ataaacgacg ccgggcaagt	180
acggtcaaga tggaaaacga tgacggcgct ccggagggtta acggcaccgc tccccggga	240
ccaaagacgg taaaagccag cccacgtgtg ggtggtaaaa gacagaaagg cactgcta	300
tagaggagtt attgcaatgg gctttgttcg cacttttttc tttttcttt tctttcttt	360
ttttttttta cattttcatt tctctcaaga gacggggaac tggcgataccg tttttggata	420
ctttttgcga tgctgatctt ctcttttttc tggggccctt atccattgaa catatcggat	480
tatcggtgtc attgcaatta tgcgcggctc tttgtcgggt tagtgtgat gatcgggtat	540
ggctgttcgt tacgatttct gttggcggtg cgaggcaccg gcctccttga agtctaaatc	600
gcctactacg aat	613

<210> 6289
 <211> 752
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 6289	
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gcttaatcca tccacattga ttacccaaat tttgacacaa catgaatcca gtcttgccgt	120
ctcgtctcat actgagggtg gccaatcgt cgatcccttc actctaccgt tcccagaagg	180
tgtctcctat gtcattggcg acttacgtc atagttccta tggcggagaa ggggagactg	240

aagctcaaca	gccgaataat	tctcggaata	ccccaacccg	ggacattgaa	catccagggc	300
catctgcccc	agatgtcagc	aagggctcga	cagcatcttc	aagctctcag	cctcgatctt	360
cttccacttc	ccaagaagat	cgagataagg	aagattcaga	aggcaacgtg	aagtcagatg	420
ttcccaacga	tgtaaaaaag	cataacgaag	agatggagca	ccggtatgat	cgaccctaca	480
atcaactcgg	gaacgaagg	aaacccccga	agggcttttg	agaaaggcca	caagcttgga	540
cgagtgggtg	ggttcgtggc	gatatccctt	atggctgggt	ggagttggga	aagttactat	600
atgatcgatt	aaatggaacg	agctcagaaa	taaacgcatt	cggaatgtc	atctggccca	660
ttatgatagt	taggcttcta	gttacgatgt	agaccgcagc	gcaataaagt	ttacgcccc	720
gggtcttnga	tatatcctta	aaaaaaaaaa	aa			752

<210> 6290

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<400> 6290

gaggataaag	agaattctca	cacgcgctaa	ttttagcaag	acttggcgtg	tattaagact	60
ttcggctaaa	agcaagctcg	cggcgttcga	caagattgag	gatggcaaaa	atctaaagct	120
gcttttttgag	gccccacagc	cttcggaagg	cactccccaa	gttcttgaag	gcacccctca	180
ggcccatgag	acgatgacga	aagcctcaac	cgagggcgag	tctggtggtt	cggggcatga	240
tcattgggtct	aatagctccg	aacaaggaaa	tgctactgtt	gccaccgaga	aaggttcagc	300
ggactcgaag	gacgcagcag	cagcagcaac	aacaacagac	acatgaagaa	cgccacgcag	360
gcggccagag	aacgcgttat	catgattggc	tctctgtggc	gccggaaaac	gaacccctac	420
gactctgac	gatgctgaat	tcgtacacc	aattgatgat	ttcatgtgct	tgtatgcgtc	480
actgtcacaa	cgctatgcgg	gagtcctgca	gtaccgtaaa	atatgaaagg	ggcattagta	540
tgccgactga	gttttctggg	aagagttggg	gcgtgttctt	tatgacgaga	cgtgatggga	600
gattacggcg	ggggatttta	ccccctttga	tg			632

<210> 6291

<211> 1310

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1310)

<223> n = A,T,C or G

<400> 6291

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ggctatttggg	agcggccctg	ataaggtatc	tcaggaagat	gtggatactt	ttgagaccat	120
tctagcaca	tgtaccgc	ttctggagcg	tgcagcccca	ccgaaagaac	atgctccgta	180
caacccagca	gactttgcgc	caggtgcagg	ttatgtctcg	tctacgagcc	ctgatcagaa	240
ggacccctcat	ggacgggatag	tgctcgttga	tgaagaagat	ggcagtgttg	ttggtgaaat	300
ggaaggggat	gatgtgggtg	agaaacctgg	cgtgaagccc	ggctctaaga	ggcctgtgga	360
ggtagaactt	cctacagaag	gtgaaggtaa	caaagtcagc	gtcagcaacg	tgtctgagga	420
atactttgcag	atggcccggc	accctgcgta	taaggactca	acattggtcc	aaacttctgc	480
tactgcctct	cgtctgatcg	tgactgggtc	ttcatatgtt	gccaatctga	tgaccagtgg	540
ggcggnaacc	tttactaaga	agacaaaact	aaccgaagcc	aatgacgttc	tctgaggcta	600
ctcactcaag	ggttcgtaaa	ggcttggaaat	ctcagccatg	gtgcccgttg	catctcaacc	660
aagactgtcg	gocaggctcg	taagggttga	cagaacttgc	gtgcttcatt	aaacccgtgc	720
aaacccggacg	caaagggcga	gggcgacaa	gcagtgaacg	gcgactacaa	gcccggcata	780
ctaaacaaat	caatgatcgc	attctcgaca	ctggcggatg	gtattgagca	gagtgcccgc	840
acggtactaa	ccatggctgc	tgctgtctgc	agtaagatga	tcggacatcg	gtatggagct	900
gaggttggtg	ttgtgacga	cgatttggact	ggggggcgtga	aaaatgtggg	actagttctac	960
atcgatgcca	gaggggtcag	ccgttaaggca	gtcctcaaat	ccgtagctaa	gggtatgggt	1020
gtcggggcgca	tgcgcaacgg	acaacaagtt	ctggttcggt	gtgggtgatg	cgggtgatgtt	1080
cccccggtcg	gaggaggccg	gagcaatatc	acctcaggg	caggtggacg	tggttccggt	1140
gcaagacgtc	catctnccgac	cctacacca	ccgncgcct	atggtgcgcc	gaacacaaacg	1200
tcgctcggag	gaataagcat	gtcaggggga	aagcattaaa	taatgcata	tatacanggg	1260

attggggata tttctggact ttggattgtt ttcttttctt ccttttggttt

1310

<210> 6292

<211> 575

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 6292

cgaggcggca	cgaggcaagc	agcctttctac	caaaaccgca	atcggaatc	ccgcattcttc	60
gccaacgagc	ccaatgcggt	ttatcttccg	ctagctccat	ccatgggtcta	cctgcgcgat	120
aqttagcaaag	ggctttgtcat	tggttttgca	aaggcagagg	atgccgatct	atgggtgtcgg	180
aratccatcc	tgggccagaa	acatggccac	tatgaagtgc	acatcggacy	cggatggaca	240
gacgagcagc	tgaaccaagc	ttccaggtc	caacatcagc	cctacgttcc	gaaaagcaac	300
agccgacctc	agagtataca	gtccaatata	gaacccactc	cgcgctcgag	ttcagggtcg	360
gacaccaata	tgaaatcttc	gtccagtgtc	caaggactat	cgtttccccg	ggacgaatct	420
ccgtcttcca	gtcagtcttc	tcgagcttcg	tatataccgt	cttcactagc	tattggttcc	480
agcaagaata	cgcaacggtc	aaaatctcct	ggtcgtactt	taccgcccgc	attgcttcag	540
ggaacgccta	tnctcgtcta	ttcagctcag	gactn			575

<210> 6293

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 6293

cgcgacgggt	ctaatacccg	ggaagaactg	tccaacctga	ggccaggaca	caactctagt	60
acaagagcac	gccgatgacc	agaggaggat	caagggaattg	gaggggcaga	tcagcttctt	120
gagtgtacat	cgtgcacaaa	gagccgagaa	actcgccgag	tacgagcatg	aagtgcgtag	180
tctccggacc	caggcctcat	atgctttctg	aaatggctcc	tacatatcat	ctacgtactg	240
caacgaaatg	aaccgggtctc	tatcacctcc	ctctaattcg	caaggacgtc	tatcgactct	300
tacattcttt	ctccattccc	acggacctag	caacacatcc	tgcgatccag	acacgcgcgc	360
aaacctctta	ccaacctgcg	tcgcggcaac	ccagcccaga	ccacacagcc	gagctgcaca	420
atccqctaga	tcgcgaacag	agcctgcgcc	gagcagcaga	atcgcaatta	tcgcatgcc	480
gttccgagct	ggaagagcta	accgcgcaat	tattcattca	ggccaacgaa	atgggtggccc	540
aagaacgcaa	tgcccgtgcg	cggcttgacg	agcgagtaac	ggtgttagaa	cgtcgggacg	600
tcgagaagag	gacctgtctt	gagcgctcgc	agaaggcgat	ggaanagggtc	nagcgcctnc	660
gggcactcgn	tggtcantga	ttcgcgccc				689

<210> 6294

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 6294

tttagtttct	atagacgacg	atgagacaag	tgatctggat	aagaaggagg	agaccgcgcc	60
------------	------------	------------	------------	------------	------------	----

cacctcggat	gctagtagct	cctcgatctt	tgacaagaag	actgactcat	cagccaagcc	120
caacaacatc	ttcgggtcatt	tgtagcaaac	accttctgag	gctgaagaga	acgacgatgc	180
tgatgacacc	gaggaagcgt	ctgccgctgg	tgatgagcca	aaggatatgt	ccaaggatac	240
atcccttgcg	cccgtctagcg	aagacgaaag	caacgaatat	gtggatgcca	aaaccgggtgc	300
cgcagtggtg	gctgagaact	ctgctaacga	cagtgggtgtc	accacggaga	tcttaccagc	360
gctctgaaaa	agtcacacga	agagaagacc	gccacaaaacg	agctatccga	cagagataca	420
cgcgcgagtg	gtcatatctt	gtttgaccgt	gtcgagtaca	aacaagacgg	cacgctgaag	480
cgtgaggacg	acgaggagca	nacgcccctt	tctacgtttt	aaaatcctcc	aaatatgcgt	540
cctctttcaa	ctcaccggga	acgccaaaacc	catttgctcc	gactccctct	aagtctgatg	600
ccgagaaaaa	cgatgctccc	accttgaaac	ccgcaccgcc	gaaacccctt	tgccagcctg	660
tgtggttctc	cctcgectac	ccctgttgca	agcactctat	ttan		704

<210> 6295

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6295

cgaaccggga	tccaaaacag	ggagaaaaaga	actcgagacc	ttgggaacgc	gagtcgacga	60
ggagttttctc	atttctctcc	ctgaatcttc	tccaaccgac	tctctgagca	accaaggaga	120
atctgaaaag	tacatctctg	aagcatcac	aaccttcttc	ccttccggct	tgcacaccgc	180
taagaagctc	ggcctccgtc	ttgcatccat	ccacaccccg	gtcccgggggt	ataaggagaa	240
gcttgagcgc	agtatggacc	gattttttgc	acgggtcgag	gtcggtcagt	tcgtgcagag	300
ggtaacttgg	agtattacta	ctgatttcgga	gttgttcgct	gcgtttgggtg	gtgtgcacgg	360
cgacaaggga	gagagtggga	agactttgga	tcttggggaa	ctggacgtgg	attccacagt	420
tttaagggtg	gaacggcaga	cgttgcatcg	ccttctcag	agcaaggggc	tagtggtttgc	480
gtttcatacg	tatacgatc	cgatccagat	gatcaaggat	gaagggctag	gggaggatct	540
ggcggctgct	attgatgggt	tgaagaagg	gaatgtgcct	gaaatgcatt	ggtacaaaacg	600
gngacctgtt	tngggcgagg	ctgtgaaggga	gtttctacgc	tcgtaatcat	ttttcgtggt	660
ggtcttcaan	aaaaaaaaaa					680

<210> 6296

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6296

gcggaagggtc	tcaccggcca	ggagatatta	gaagacgatg	gaacggggcgc	gctcgtcgtc	60
ccgcgcgtccc	gcccgtctcg	gcaatatcat	caccatacct	atatctgtct	gttctatatc	120
ttagatctgtc	accacacctt	cgacgatgtc	gagcaatgga	agacttactg	tctgagccac	180
ttccgaaacc	acgaaccacc	gcgaacagcc	cgatgcccctc	tatgtccggg	tgagcgggttc	240
agcgacacccc	ccgaacagaa	aggatgggat	cgcatgctcg	accatgttga	tgtagcacat	300
tatcaacggg	gccagaccct	agctggaagc	cgacgggact	ttcaactgat	gcagtatctc	360
taccgcttgc	ggatcatcag	cgttgaccag	ttcaagggtga	tgcagctgcc	accgncgncg	420
tctagccctt	gctatcatcg	atcgcaagaa	cccgtccggg	caaataatnag	ggcgcccgat	480
gaacataact	gtgtcttctga	ttatcgaccc	cgagaacaaa	ggatgtgaag	acagccgtca	540
agggccaacg	gcngatgaag	tccgtggcct	tttaataatc	caccaaactg	gggtggggggg	600
attatttgga	tgagaggggt	ggctccaaaq	ggaacccatg	gggaccttgg	ttc	653

<210> 6297

<211> 723
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 6297
 ggctcgctcga gtacgatcac cagcagagtg actactcaga caactgcttc ttctttcctg 60
 aagactgttc ctggtcaccg cctcgtgact ggaccctcga aaacgaagag tcagaagacg 120
 atatctcaaa cagcgacgac cagcagacca tgattcccgg tcttcccgat atcaaaatgc 180
 tcgacgcgga ggccctcagc gacttgctgg aggataacct ctgcgccctt gagatcacca 240
 cgattctagt atttgggtact aatgggtgcc tatttgctta cgcctcatct ctcccatccc 300
 ggcagctgcg gaatttgacc gccacatacg gagccgctta cacagcctac gcaaagaacg 360
 cctcaagtgg taacctaaag ggagtaaata cggccagtcg cccatcatca tatgtgacag 420
 cccaatccgt ctctcttggc gacgtagggt ccacgtctt tgaactcgat gagcttgctg 480
 ctgtagtcac tagaatagcg gatagagtgc tccctggcgc cgttggaccg tccaaattgg 540
 agcccgaagg agagacgggc ccttcaaattg gtgcgcagaa tggctctnta aacgccagtg 600
 cggacgagtt ccccttgcac gagcctagaa caggcgccaa cggtaacctnc accaaccaaa 660
 ctcccaccaa cggaaacccc cacagtatca gccgaactca cagcgaggcc aacatgctat 720
 caa 723

<210> 6298
 <211> 649
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 6298
 caacagcccc cgcgtagata cccgcatgag tcagtacagc agaggacca gacagaggacc 60
 aagcccgagc ccaagcacat atcaatccag cagcatgaga agtcggttca gtcagtcacc 120
 gactgtatct accccgcccc agcggccagc tgatgtagca tactcgcccc atgagtacc 180
 aaggcgaact tctccaaatc ccattgagccg tggcgtttca ccgcagccac agttcaggca 240
 acaggcccggt cctcagagtg ctggaggtat ggagttgcag ctgcaccaatc aagtcgacat 300
 gtaaggaggt gaccacggtt cgccaaggca agctggaaaa ccaggatcct tttatgacgc 360
 aggaagccat agaagcaggt ccaggagcag gaccctggcc gttgcggatc ctggcagaca 420
 gttcagcggg gatggctgcc ccattctcca cttcggtaag ccaacggaac ccttgccatt 480
 acgtgatgag gctttttagct aactttttga ttacagnccg agccatgtac agctataccg 540
 ctgccattcc agaagaactg ggtttaccaa aagtgatgtt ctatcgggca ttcgacttca 600
 gacgacggct ggtgggaagc tgaagtacta cccaccggg gacgggacg 649

<210> 6299
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 6299
 ccatttggat ttgtccggcc tcgatggtgt ttccggacca gttttcctca tggagaagct 60
 gcccgtagag attcttqcta agataattga ctatctcacg ccgcatgagc aggtgcagct 120

ccagtctgtc	tcgaagagat	tcttcggcct	cgcgcggggac	aataacctat	ggagactcca	180
ttgttatgaa	caatcatggg	ccgcgcgcaaa	cgccctnctac	tcggggcaaca	gggcctcggc	240
acgcctgtgc	acagattcca	ctaactccct	taactcattg	ggccagactt	ctcttcggtc	300
ccttattcaa	ccagatattt	cgtctttcaa	ccgggatcaa	aatggggcat	ttggccaacc	360
ggccagaacc	accacgacac	gggaatcgcc	ctatgaaggg	gaaaatatcg	actggtatcc	420
ggagtatatt	gctcgcaatg	gaccgatatt	cttcaattgg	cttcaacagc	cctttacaaa	480
agaaagacca	agggaaaaag	acaccccgcg	aaggccaggt	gtgggggttg	tcccggttg	540
gagctctgtg	ccacacaaca	aagctatctc	acccttttaa	caaaagcggt	gtgttgcggt	600
tgggacccaa	aatatttccc	atttaaaggg	ggttcaaatt	ctaaaaaggg	ggatatttga	660
gatg						664

<210> 6300

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 6300

ggtccctttc	cagggggaag	gtggcctaag	gccaccacgg	gtcacggggg	gccacacctc	60
tttttttggc	tggccctctt	cctttccctt	cctcttcttc	tgtcaatgtc	cttccaacct	120
ttaaaccttt	taaataacag	tcttctgggg	cctctccagc	ttcgtgctgt	aggcgtttat	180
tctctacct	tgtcacgggg	gcaacctttg	tcactctcgt	cctccgtgta	cattacaatt	240
agttaccgca	catgactcca	caatctgctt	cacctgtacc	ttccgcagtc	tcctccgcgc	300
cagcgtcaca	gatategtac	gacccctcgag	atggagagcc	ctcggtaaca	cgcgctcttg	360
cgggcatgaa	tttgtgcgca	gcgaacgggg	atattctgcc	cacgcgccct	ccgcctgcga	420
aaactggcag	gccgactatg	gcgaatcgca	tctctcgtat	gttgtccaac	acagggaaga	480
caacttcgaa	ggagccggat	gcccacgtg	acttttcaga	cagcagcaca	gacagcgtga	540
agccatctag	caatggcagc	gggaggcaat	ctaagcccac	ttctagacct	tcttctagag	600
ctccatcgcg	acagacttct	accaggggaag	acaatgagag	anagccaaag	tctatcagtg	660
gggaaggaca	aaaagactca	tctn				684

<210> 6301

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6301

ccatgtgcca	atgcaaatcg	togactacac	tgattttctac	gccggcctga	accacgetta	60
caatgtcggt	gtactgttcc	gtggaccaga	gaatgccttg	caacccaact	ataagcatct	120
gcccgtcgca	taccacagtc	gtgcctcgtc	tgctgtgctt	tcgggcacac	ctatccaccg	180
tcctaatggc	cagatccctg	ccaacccagc	cgcaacaccc	aagctcccca	ccttttcccc	240
atgcaagaaa	ttggacatcg	aactggaaat	ggctgcatte	gtcagcaagc	ccaacgatct	300
cgggaaccca	ttaacatcaa	tgaagccgaa	gacatatact	ttggattggg	gctcatgaac	360
gactggctgg	cccgtagaat	tcaagcctgg	gaatacatte	ctcttgggac	attcaacgca	420
aagaactttg	ccaccacgat	caccccttga	gtagttttgt	tggacgcatt	ggagcccttc	480
cgcgcacggg	gtcttggaaac	tggtagccca	gaactctctg	tccctacttt	gcgtgagaag	540
cgcgcagncg	aagttaacga	tatccctctc	gaagtgcgaa	tcacagagag	cggcggaaag	600
ccaactatca	tctncaactg	caacgcacaaa	gacctnctat	actcgttccc	ccagatgttg	660
gtcaccata	ccatcacagg	ct				682

<210> 6302

<211> 675
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6302
 ggaaggtatt ctattgacgg tgaattgggt tgtggcagga ttcattcacc gggtagcggg 60
 tggaatcttg cacgtgttgg cctggccgat cctgtctttg gtggagcgcc tgcgaccctg 120
 ttttcacgcg gtctacggta gtgtccggcg gcagccctt cgggaccgg agacttacga 180
 gcagattgcg gtcgatgatt acctggacga taagagtgat gatggagaat cggaccatct 240
 gttgcacacc gggaccgcca ccggaagcac ggccccaacg gagcgagggc ggacggatac 300
 ccccatgcgt cgatttgtcg tgttgggttt gttegccttg ttctgtctcc tccgtttcct 360
 tcgtccgtgg gcgcggcgt acctgtatct ctccaggcacc ctgccgttga caccgttctt 420
 tgaggggtga caccggaagt ctcccgctga caccgagcc ttgccggggg attatggctg 480
 gctggaagag cggtcacact tgcaccccg accgggttgg gactggatgc cgcagaaggg 540
 gctccccgga ttctctgatt gggataagac cgaccgtttc gccttgcaat acacgcagag 600
 tatggaccca ttgcacatct ccaaacggga taacctgtc ctccgathca tccgtcccg 660
 gctggaggac aacag 675

<210> 6303
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6303
 gtattcttca cctctttaca ttgtacatga ctatatatac ttgactttcc cagcctgaca 60
 agataaacta ccgtcgtaaa ctttttcatt acctctccca acaccaacga tattccagct 120
 acaaaaaatg gacaccccca agccaacagt tctcgtaatc tccggagcat ggcacacccc 180
 aaagtcttac accaaactcg ccaatgccct caaaaaagag ggctacgaag tccacgtccc 240
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 cctaattcac agctacgtcg aaagcctcgc ctccgccggt cgcacaatag tagtaattat 360
 gcaactctac ggccggccaag tcggaactaa cgccctccac aatcttggtc gaaacgaacg 420
 taagaaacaa ggactggctg gcggaatcag ccatctgac tacatgtgcg cttctctttt 480
 cacagaaggg gcctgtatat tagatatcgc cagggatttt ggtaccgcgg atcagattgc 540
 taatgcactt gatattctgg gtatngttcc gaaagaagaa gtgaaaaagc tcatggctgg 600
 gcctgggggt gatgatggg atgctganga gctgngttcg tccgtgacga agtggaatgg 660
 ggatgccatg tttta 674

<210> 6304
 <211> 572
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6304
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 tggccatggc ccgatgttcc acctgtaaca ggatgatcgg atgggtctca ttctgttttt 180
 tacttcaaaa atgggctcgg tgaacaact gagcagaaaa agacggcatc tactcctgag 240
 taratgtctg tcttcattgt cttgatggca ttggttgttc cgtattttcc tatattcatg 300
 cctccgcggc cggttccagc aggtgctgcc actgctacc cttctcataa acaatgccaa 360
 ctgtgtggcc tgtttgagga aattgaattg tcatcttata ccaccttgta tatctattac 420
 ctaaaaaggg ygtaggaggg ttctgaagtt aggatgatan ccaaacgtcc acgtccatgc 480
 ggctcatgat ttgccactga agtgcattgg gatcacgtgg gattgaatca atagttagtc 540
 taatacaagt cttgatcttt ttcttctgtg tc 572

<210> 6305

<211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6305
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 gaacaagtca gggaggatgg atgggtgaccc ggatggcact tctcgcacca gacaggatcc 120
 tcggtctcat gcccctggga acatccatgg attacgaatc agctgattct cgggtccaagg 180
 gatgctggga ccccgagcc agtttgacag ccttctatga caagtggacg agccctttgg 240
 ccacacctga ctttgttgtc gatgatgttt ggtgcggtct ggtaggaggc attggcttcg 300
 gggctgcggc caccgaggag aaatctgcct tctggaccca aaccctgaaa gaggtgtaca 360
 aggggtgatga gggacgaaag aagggtgcga tggcgctcaa ttgcctcctg gagcgagacg 420
 gactgttgtc ccgactgagg gacatcaaat gtccctgttta ttggctacag ggcactgagg 480
 atacaccttt tggaaccgtc gtccctgcgg agcaaatcaa acttttccact gcttcccccg 540
 aggccaaatt ggtcatgac gaaggcgggg cgcactatct gacgccacca atccgaaaga 600
 ggtgaatgag gcactcttgg aaatgtcacc aagtatcaat gaagtgttct tgtgaaagtc 660
 ttgcaaatag g

<210> 6306
 <211> 1045
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1045)
 <223> n = A,T,C or G

<400> 6306
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 cttctccccc aaagttacga gtgcgaacct caaccgaaaa aggagcgcga atctctgcag 180
 cctattgcaa agattgaagg ccacaaggat actgttaacg cagttgcgtt taccggaccc 240
 aagggtgaat atgcctgac cgcagggttg gatggccagc tgcgtgtatg gcgcgatact 300
 actccccagt tgactggcca ggcttgggag tttgtcgcag aggcgcagga ggtagaggaa 360
 attaaactga ttgctgtttg cccgtgcgag aagggtgacg aggagaatag caatgtcatt 420
 gctattggga caaatgacgg gacgcttgg gtattccgca ttgaccacaa cgacaccgct 480
 cagcccatta cgaatgacga gacgttcttc cagcacaccg gatcctgtac cgcaggtgcc 540
 tggacgcccg atggaaaagt gctcgcgact gtctcggagg atggcagctt ttacgtgtat 600
 gacgtctttg gtgcgcgcgc cgcgcgcggt atctcttact ctgctggtac cagtgcgcgc 660
 gttggattga ccccgaggga ccagcggttt gcagttgatg gaggacttta ttcggtcgcg 720
 attgcgccag atgggtgcatt cgtctgtgtt ggtggtgcgg aaggtcacat cagaattgtc 780
 ggtcttcttc gtcttgggtc tgggtggcgt gcaacatcta aagcgaaggg taagggggcc 840
 gcctctcagt caaccgggtg tctgtctggt actatcttgg cctctcttca ggctcagttc 900
 gacggcattg agactntgtc attctcttcc cctcctttga gtctcctcgc tgcgggctcg 960
 gtagatggat caattgcctt gttcgacacc gccaccgct tcgctctcgc ccgccatata 1020
 aaggaggcgc atgaggggtg cgtaa

<210> 6307
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6307
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 ctgacatttg atgtctagg caccctgggt gactgggaag gacgcatttt qactgtcttc 120
 caaacgtctc ttcatagaaa cgacactcaa ttgccccgtg agcatattct tcacgtcttc 180
 catgagctgg agcgggatcc aacatgccc aacaccagat atgcagtact tcgaactttt 240
 ccttaccatc ccaccctaca ctgttgaaac agctaggctt caccacttcc cactgtctga 300
 aaaagaaaac ttttggqcaa ctgaggggcc ttggcaacct ttcagaaacc gtatagcact 360

tgaaccaatt	ttagaacctt	ccagctagag	gtctaatcaa	tggttcacta	tacctgctcg	420
cccaaacaaa	tgctggcaac	cataagactt	cccttgcgtc	acttattctt	cgacccagat	480
tttcgatcat	tccatcccg	atacaccaca	attgtccctt	ccttatccca	ctccaaagca	540
acctatggcg	tgccgccaca	tgtgggtcac	taccacggca	tcaagcacta	tctatacctt	600
ctcccttacc	ctcagtagca	agacaacctt	tctgcgcgta	ttcgccccc	tatcatectc	660
ttcatcgacc	c					671

<210> 6308

<211> 559

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 6308

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ccacgggggtc	tcttggtagt	acatttctcg	ctgcttgggg	tgatcgtcga	atcagacttc	180
atgacgttcg	ctcaaacggg	gcctccgagt	ccacttataa	agacccaacc	gaccaaagcc	240
aaatctactc	ccttcacctt	tttggccatg	acagatttct	cgcaggagcc	ggcgcagacg	300
ccgttgtgaa	gatcttcgat	ctccggatgc	caaaaaacct	cagttacaca	gattccaggg	360
cttcttccat	ttaccagcac	aatgtgcccc	gtcgaaaagc	ctctggagga	gagatcgcac	420
ccccagtaga	gagcatcagg	tacccccgca	aagatttctc	catgttccta	ttctacgcac	480
caccattgta	tccaaatgca	cctcggaggc	gccaaactga	atccactcct	taccgcggng	540
ccatatactc	cctgtgttc					559

<210> 6309

<211> 580

<212> DNA

<213> *Aspergillus oryzae*

<400> 6309

gtccagccgt	tcaattcgac	agggctctcag	cgttttttga	cccggccctt	gccacagggtg	60
gcggttcggt	ataacgcccc	ccgcgccttc	ttctctcaag	gcaggactct	cgcggctgca	120
gagcttgatg	atcctttgca	gaatggtaat	taccagaacc	ctcctcgctt	taagcgtgct	180
ttcagagacc	ctcatggcga	ctgggtgggac	aagcaagaga	gacggaattt	tggagaacca	240
gtccacgaag	aaaacgaaat	tctcgggtgtt	ttcagtcctg	aacagtatac	gcattgttacg	300
tcccgttaagg	gctttctcca	cctgggcgtg	tttgttgcaa	ccttccttgg	atthttgtggt	360
ctcgtgagct	tctactatcc	agacaagcct	agtgttccca	gaacataccc	ggaaggcttg	420
gagaaggaa	ttggaggacc	caatqctqtt	aaggcccgca	aatccggcga	ggactcttgg	480
agattgattg	acgtttgctt	tttttttttc	tctgttggg	gaaataagta	cagtacgatt	540
ctcttttccg	cgtcaatcga	aggtcttgtt	tcaagtgtga			580

<210> 6310

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6310

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cttcggaggg	caaaacgggtg	catcaggata	cgggctccac	atcggaacgc	cagcgttgag	180
aaaactatgc	aatagaactga	ggcgagaaca	gttccaatad	atqaacgggc	ccacaaggctc	240
cgtctacgag	acagccttgc	agaaaaaagg	acttcaaccc	gaaacagtcc	ctctcaaaaca	300
cggtgcacaa	ggccactgga	tcggaacaaa	gaatgccaaa	aatgtgggtca	tctattaacca	360
tggcgggcga	ttcgctgtgc	cgggtgcagc	aggccatatg	accttctacg	gcagcgtgat	420
cgataccctc	aacgcagaag	gccacgacat	agccctcttc	ctgataacct	acagcctaac	480

cccgcacgcc	gtttaccgca	ctcaactccg	gcaggccgtg	gaggccctcc	gctatatcct	540
caccgagaca	aaccgtgacc	cgccaacgtg	atcgctggcg	gcgactcgca	agcggaaacc	600
taaccgtaac	ccgccttctt	gatctgtcac	acccggattc	ccagaatgaa	cctctgtccg	660
aaataacgcc	cttaacgggg	ttgttgc				687

<210> 6311
 <211> 701
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 6311						
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gcctttcttc	atatctgaag	tacttgtccc	gcgcgcaatt	ctattcatct	cctgcctctt	120
ccactccaaa	ggactctaca	tctcgctccc	gcaagctgaa	tgatcgcttc	ccgtccttcc	180
ttcgcgctta	tacaaccccg	ttactggggg	ccccgggaac	acatattacc	tcctttttga	240
tcctacatga	aatcaccgcc	attgtgcccc	tattcggaat	tgtgacggct	tttcaactacg	300
gaaactgggt	accaaactta	acttctaata	gcgcctttga	agaaagaaac	ccgcgattcc	360
ggcgatgggt	gcggaaaaaa	ggctggtaga	agatgttgat	atggacgcca	ttgaggtagt	420
ccgaggtgga	aaccactatg	accctgttag	aaatgatcaa	atgccggaga	gtgataggaa	480
aggtgtaccc	ctggtgctgg	aatttgcgac	ggcctagccg	gcacccaaag	cattactggc	540
cgttccgaat	tgccgcaagt	gtcttggcca	cgctggggtt	tgccgcaatc	atcttgttcc	600
cacctgaaaa	aggggttaana	aactctgtgg	gaaaaaagaa	aaatttgacg	gtccctggta	660
ttactaccaa	ttccggaccg	gtgaagaaaa	tgcaccaaac	t		701

<210> 6312
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6312						
ggcagaactc	ggctctcttc	atcaagcagc	ccccagaact	atcgaggcaa	ttgctgatat	60
gccttatcta	cgcgagaaat	tccagggtgt	cttgctccga	cgctcgtcagg	aacaaggaga	120
caagaaggaa	gatatggacg	gtcgtgagca	tttcgtctgg	actggcggca	tccttgagat	180
ttggcggtcaa	cggagaccat	tccctgggaat	tgatgaaacg	actggtgagc	caaccaagcc	240
gtatgatatg	gctgaagaac	gagcgcagcg	agacgtcaag	tctcaaggag	cctcagaaga	300
tcaaaccgaa	gtacatgcag	ccgatgggtg	acagattgcc	gaggggtgcat	ctacacctcc	360
agtgaagacc	attgactacg	aagatgagta	cgatattgag	gccgaatcgc	tcttagagac	420
aagacgcaat	gcgcagcaag	ccaacgatga	cttggtggac	aatgagcatc	gcgaaaacat	480
cgacagtaac	ctcgcaaatg	attcctccac	cttgactgag	gatctactcg	ccatggacga	540
agatgtttca	aatgatgact	atgaccaatg	gtttgaagaa	agtattgatg	aagaagctat	600
gtcttttcgag	aagtggagga	acgtattagt	aggaaaggag	aagttgt		647

<210> 6313
 <211> 695
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

<400> 6313						
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tggagcgctt	ggactttcga	cacttgggac	actgagcact	tgaagaaata	cctgtcttca	120

atgaatgcaa	aggcagctca	ccgcgcagat	ctgactcggg	atgagctggt	gaagcaagct	180
caagatactt	acgctaaagc	ctccaaggct	ggaggggcaa	acctggcatc	agctacgtca	240
tacatggcgc	aggctactga	cgctgccaa	tcttccacct	tcgacacctg	gtctcattct	300
gaacttaagg	cttaccttga	ctcatatggt	attccgggtct	accaaggctc	tagccccaac	360
gaattacgcg	ctgcagtagc	tcgcaacgcc	gagtacttta	ggtacggtac	tagtactcct	420
caaggaacaa	tctatgccaa	gctccaggat	gctaccaact	ggctcctgga	tcagttgaag	480
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gctgcggatg	ctgcggaaga	aatgcgagcg	gaactgtgaa	tttggggagt	ctagggagtt	600
tttaatctcg	gtcacgattt	gatgactnng	tacagtacct	tttgattctt	cgtcgttttc	660
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<210> 6314

<211> 462

<212> DNA

<213> *Aspergillus oryzae*

<400> 6314

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ccgtctctct	tctgtctcca	agtacactac	tcctcttaac	ttccacggtg	tgaccgttgg	120
cgctgccacc	aagtatgcc	agattgccgc	cactttcggc	gccagcgtg	gtgtcttcgc	180
tctctcttct	ttcgggtgaag	ttccccgtgt	ccgcaacgat	atcctgcgtc	agcttctctt	240
cttcgaccag	tacttcgacc	gcaccattgc	ccccgaggac	aaccccttct	aaacctttcc	300
ttacgaagta	cgatccatca	accatatcct	actcgcaggg	atttcttatg	tttgccgata	360
tgctccctat	cagctatata	gtggagggaag	gagtcggttc	tgtactgtgt	agaatagcag	420
cgatgaattg	tgacagcaca	tagacacgcc	tccttaatta	tc		462

<210> 6315

<211> 776

<212> DNA

<213> *Aspergillus oryzae*

<400> 6315

ccggattcgt	gcgttggttcg	ctgccgccaa	ggcccgtatg	ctcggagtta	tgggccccaa	60
gccacagtgc	ggtcgtctct	gtctctctca	ttcccaccac	gatgggtatgc	cattcccgcgc	120
ccaggccgaa	ggccacgtgg	gacgtcccgg	ccaccctcac	caccaccata	tgcaccatgg	180
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cactacttct	gagaagcagg	gcttgatgac	cgagtctact	gatgaccttc	ctcctgccta	420
cagtgcgcag	gaggagccag	ctgaggccgc	agccgaccac	aagaactgaa	cgaattttac	480
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aagctatctc	agctctgtca	aacaggaata	ggatctagga	atttttattg	gttgccagtg	600
acttttaggg	aagattgact	tgaagcctgc	tttctttcat	ttatcatcac	cgtttctctc	660
tacttgggtc	gctatctcct	tcattccgtcc	ttttgttatt	actatatttg	tatactctgc	720
ccttcgggga	atgtgcttcg	cccgcgcac	tcaacaatcc	cagagagctg	ttgtgt	776

<210> 6316

<211> 1274

<212> DNA

<213> *Aspergillus oryzae*

<400> 6316

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cccgaggagc	ttactggggc	cggtttgaa	agatatctaa	atacaataac	cattttaaatg	180
tcctcgagag	gctttggaca	gcattggtatg	catggatgca	aaagatgtc	ctggcgaactg	240
gcateatgtc	ttttgttatg	cacgagatag	tttatttttg	gcgtcccttg	ccctggatct	300
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tgcgcgagca	atgggattgc	gcgaaatttg	tactactgag	ccattttaca	gttgaactac	420
ctcagatctg	gctattccat	cccatggctc	aattcttttg	cctttcgacg	tcggttcctt	480

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ggcactactt	ctcgcaccca	gcacttcatt	gggggtcccct	ctacaaggct	attcacaaaa	600
ttcaccatca	gtatttcagcc	ccctttggca	tggcagctga	atatgcttct	ccgatcgagg	660
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atctgcacat	tttcaccatg	tacgtttgga	ttgtactacg	gctgttccaa	gctatcgatg	780
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ggtgggatta	ccttctagat	accgagtaca	gcccagaggg	aatcaaacga	cggagggaga	960
acaaggctgg	aggagacgct	cggaaagacc	agtgatattc	ctctcgcaat	tactggcgac	1020
ctcctcgatc	ttgttttttg	tttattttta	ttttgatctg	tcctccactt	cttcacccct	1080
ttctttgagt	tcatggatgg	cttatcccg	aatttgatat	cgagcaacct	tgtctataca	1140
tcctcaacca	cctgcctgat	gtacagcagg	ctttcgggtcc	tgttgaggga	aaggcggagg	1200
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ataacattgc	ctaa					1274

<210> 6317

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 6317

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tcctactaac	ccagctcgaa	gaattcaagt	tctgggtgca	atatgcggct	gccacctact	180
gccccataaa	ctacgtttgcc	aaagacggcg	aaaagctgaa	ttgctctgtg	ggcaactgcc	240
ctgatgtcga	ggcggccggg	tctactgtca	agctcagctt	ctccgatgat	accatccacc	300
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aatacgacgc	gacctgttac	gcctacgccc	cgcgcgctgt	ggccaacaag	cctcntgccg	660
angtcatcac	caaccagggg	cacaactacc	gcttcaactca	caatgacgac	cccgtgccaa	720
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<210> 6318

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 6318

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qctcaatttg	acgaactagg	ggtcgactcg	accgcggacc	agcctacctc	caagccagct	180
acacacagta	ccacggcgca	aaatgaagac	gataattctg	ccgaacttga	tacactagcc	240
tcccagcgtc	ctagcagtg	acccggtacc	ccacgtctat	cgacaaatga	gcccaggccg	300
gacatcaaat	cccttaaac	tgttgcaact	acccctcaaa	ctgggcgttc	tagtgaggac	360
aaacccgcgc	cccgtaagtc	cacggagagt	gcccgggttt	catttgcaat	aaacaaagat	420
acggatgtac	agccatccaa	gaccgagaaa	ccagcagcca	aagagcccgc	ctcaagcggg	480
ggtgggtggt	gctggtgggg	agcccttttc	gcaactgcga	ctgcgaccgc	caatgctgca	540
atgaagcaag	ccgaggcggc	cgtgaaagaa	attcaacaag	aatgaagaag	cacagaaatg	600
ggctcagcag	gtgaaaggaa	atgtccgtgc	actgaaaga			639

<210> 6319

<211> 670

<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

<400> 6319
ctcgcagcgg tttgetteect ctccctggacc tagtgcaggg aacgccgctt cttcagactt 60
cttcagtttt gacaagaatg ttgcccattc atccccctggg ggtgctgcat ccccatctaa 120
ctccaatgag aagccccaga cccacgactg ggaagcgcta tttgcgccac ttgacaatgt 180
ccagagccct ggtgctgcca atggcactaa cactgctaca gcaacgtcac caaccggcca 240
tgatggaaag gcaccaggct gggctctcca gaccggcaca gaagatgacc aaattcttca 300
gcgcttgacc ggcattgggtt tccctcgcca agaatacactt gctgcattgg aaaagtctga 360
ttacaacott gacaaggcag tagatcacct gacatcgaaa tcttaatact ctcttctct 420
tttcttttcc tctctaccat gcacatagct tccctttacc cactcgctcg acactttatc 480
ttcttttctt ttgccttttc ttttccctac tctggatttg atctattggg tggcttgcat 540
atccgtactg ctgtcatgta tattccccaa nccgtaccct caccctacc catgntatgt 600
aaccacat gcttgtttga cagaaaggat atgaattcng agggatgatg gacagatata 660
ctatggacct 670

<210> 6320
<211> 622
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

<400> 6320
ccgtctataa cgaaagcttc gtcgaaggca acaccccgaa ggggccgacc gagccaagag 60
acattggacg ctatgnagcc acaaccatcg aagacgagcg gacattgaac aagatgggtc 120
atgcatacaa caccgttaag acacagaacg agatctacga cttattggag gagatcagcg 180
aagagaaaat ccaaaggaat cacattcccg aggaaagcgt ctacactcgt gtactcgccg 240
ccagacagtc tagtgagact tatcccttc aaccccgta aattatcccc cgggatttgg 300
ccagaccca gttgggttgg gtattcgggg ggtacacccc cggaaacgca gaaaccttcg 360
atatctgate gccagaacc ttaccggacc tcaggccccg ggccctcagg agttcttgaa 420
accgcgtcga gcacagcgaa gggggatccc cgaccgttgg gttcgaaagt cattacgggc 480
tttccacccc aaaatcaccg attcgtgata cctcgaattc ccaaaactga gtccacgact 540
ccctttcatg cggaggggcc cggataacac tttgacctt ggacggagg tattttccca 600
cttttggaag ggggttaaga gg 622

<210> 6321
<211> 691
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

<400> 6321
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ccataaatag cactgctttc ggccagggtc tcacgatccc aaccttatca accaacgtct 120
tccaatccaa tatgtcctcc ccacacccc tggtatgcac gcccatgtg ctccaacttt 180
tatcaaaact ccataaattg tcgttggagc aggaagctac catcgctaaa actggcaagg 240

tcttctcggc	cacggtcata	ggtgacttcg	aggacaagct	ccttgagaag	gatgcgacag	300
ccgagttcga	caagctgatg	ctcgataaat	ttattgctct	cgatgaggat	aaatgtcagt	360
ttgtatatca	attaatcaac	gcgatgggag	ccacgaatgt	ggtggaggcg	ggaaccagtt	420
tcggcgctcag	cactatctat	ctagctctcg	cggtagctaa	aacgaaagct	gcgacaggaa	480
agcccggtgt	ggtcatcgcc	acagagaaag	agccagagaa	ggcaaagatt	gcacgagtct	540
actggaagca	atgtggcccc	ncggttggag	attgagaatg	actttcgcg	aggcgatctc	600
cttgaacgc	ttgaggagaa	cctgccagag	gtcgacttac	tcttactggg	aatntggccg	660
aaacttgccc	ttccaacttt	taaaacagtc	c			691

<210> 6322

<211> 560

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1, ..(560)

<223> n = A,T,C or G

<400> 6322

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gacactcgga	tcggtgccgt	tagtcacagc	aacgcattca	tcacaaccac	caactctgcc	120
acttactacg	ccgcgcgaga	caccgatgtc	agccgtctcc	caaagcggga	caagcactat	180
tagcaatagt	gtttctaggca	agcgagccag	cgagtctgaa	aaagaggaaa	ttaaggatca	240
gaattctgtc	ccacaagtac	aacagccgaa	gaaaagacga	gtagcaccga	ctctcgtttc	300
taccggcaac	ggcccttcgt	caaaagatgg	cccccagaat	accgacgttg	gcggctaattg	360
ttccttggtc	aaccaagctt	cataaaaaac	ttcccagacg	gatgtataaa	actctgttct	420
cttgtctact	gagtcgactg	cggatgactc	gagtgcctat	gatatctttg	ttatgagtaa	480
tgtgtccttt	tttcgcgcgc	tcacacaagac	tncgcataat	gtttacgtcc	tgtgggattt	540
acctaccgtg	ctctgggatn					560

<210> 6323

<211> 1130

<212> DNA

<213> *Aspergillus oryzae*

<400> 6323

cttccagttc	ttcgaccact	gtatataata	ctctcgtttg	atctccgaga	ccttttcgaa	60
gacaattcca	ggagactgtc	aaaattagat	tataactcaac	ggcacaactt	taataattac	120
ctatcttggg	cgcgtcgggc	aatagcggaa	ccccccaatt	ctcgcgcaat	ctcttcgcct	180
caacccaaaat	tttttccttc	tgaacaatct	tgatctctct	cttacaccat	atattcaaaa	240
tgcacgccac	tgtctctctc	cgtcccgctg	cccggaactc	tcttattcgg	ttccttgccc	300
gtcgtctggg	gcctcaatct	attgaaccaca	ctcctcgccc	tcaccccgcc	tctccttcag	360
gcgcctctcc	cgactcgttc	gctgcttacc	gtgtcaaggc	ccagcagcac	ggccctctga	420
gcggtggctc	gttcgtttgag	ggcgcgatcg	gccgtagctc	gggtcctctc	ctgggccccg	480
ttcagcccaa	gcaggagagaa	tacttcgacc	gtgccgagct	ccctcctcgg	ttccagcgtc	540
ttcgtgggag	ccagcgtgag	attgaagcta	tcgagaccgg	tggtgctagt	ctcttcgctt	600
aagccctctt	ttgtgtacat	gaatgagggg	tgatgcaatg	aagacgatta	caacgataaa	660
agttagatga	ttggggtaact	cgtttgcttg	gagggtcact	gttgaacgga	gacacgacgc	720
aagttagctct	ccgatgtctt	cgaagcgata	cgaaagaact	ccggatagcc	cgtggggctc	780
gyttaatctc	acgtcgtcgt	ggaccctaac	atcatttagtc	gacgggggtg	ggaagcttly	840
caactgatgg	gtccaggaga	atctacatca	ggggaatctc	gggcccagccc	ctgctatctt	900
tctttgatat	catttatctg	taccatggcg	ctgggtgggtg	ttacttcttc	cttagcgggt	960
tttatctttt	ctggcggtgg	atatgggggtg	ttatcgtctt	gacgtcgggt	tgcggaatgt	1020
ttaggtttac	aaacattcat	gcataagatg	tttcatttgt	tqctagactt	tggcctcaag	1080
gaagacaaaa	tggttaaatg	attcttaaat	caaaaaatcc	aaaaaccttc		1130

<210> 6324

<211> 773

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 6324

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tttatttcga	tatgccgctg	ggcgacgcgc	gcacccagcg	ccgcattccg	aactatattt	180
cgcacgggtc	caacttgtct	gcttcgctgc	agcctcggtg	tatgttcaac	cagaacaacc	240
atgaacaggc	cagttcgctg	acgggtgcatt	cgcagagcta	ccccattccc	cagccgcaac	300
atgtggaccc	cactcagggt	ttgaacgcca	ccaattactc	gaccggcaac	tcccaccata	360
cgggcgccat	gttttcattt	ggagccgatt	cagataacga	ggatgacgal	ggtcattcagc	420
tgtccgagcg	ggctggctcg	gggatccgga	ctgaatatgg	ggagcaggac	gggttctcgt	480
cyygcatgca	ytgggatggg	cagttcccg	gctccctcca	ttcgctggcg	ggcttngggc	540
ctcaacatcg	caagcatggg	accatcgggt	ccacggacct	gatggacacc	cccgaggagt	600
ggattcacgg	tgggcagttg	gggtcggact	catggttcng	tggcttngg	tcaatggggg	660
gcnccaccgc	anagcaggaa	tcttngccg	ggagaagaat	tggcngaac	caaggttcac	720
cccccaatac	cggcccaact	tttgcgcgca	aagcatgcac	tcttaatacc	aan	773

<210> 6325

<211> 996

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(996)

<223> n = A,T,C or G

<400> 6325

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ccatggcccc	tatctccacc	agccccctc	ccaccgaccg	aaactccctc	gccagctaca	120
gaggetacga	ccatgtgcac	tggtacgtag	gcaacgccaa	acaagccgct	acctactaca	180
tcacacgcac	gggtcttaag	cgcgtcgctt	accgtggtct	cgaacaggc	aaccgaagca	240
tctgctctca	cgtcgctcgc	aacggagata	tcactttcat	cctcacttcg	cctctgcgct	300
ctatcgacca	gatcgaccgt	ttctccagcg	aggaacagga	gcaactgaga	gaaatccacc	360
accacctgga	gcagcacggc	gatggcgctc	aagatgttgc	gttcgaagtt	gactctgtcg	420
atgccgtctt	caacgcggca	gtaagcaacg	gcgcaaaggc	cgtgtcaaac	ccgcagacgt	480
tgaaggatga	gaacggcgag	gtcaggggtg	ctactatcca	gacctatggc	cagaccacac	540
atacactgct	tgagaggagc	aactaccgcg	gtgctttcat	cccgggctac	cgctctgaga	600
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gtgttggaaa	ccaggactgg	gatgagatgg	acaaggtttg	cgaatactac	gagaaagccc	720
toggattcca	cgtttcttgg	tccgtcgacg	acaagcaaat	ctgcactgaa	ttctccgctc	780
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gotagggcta	gaagcagttc	cagatcgagg	aatatgtcga	cttctacaac	gggtcgggtg	900
gcagcaactn	gctcttctga	ctgacgacat	tatccgagac	atcacaaccc	tcaggctnngc	960
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<210> 6326

<211> 1079

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(1079)

<223> n = A,T,C or G

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aattttcctc ccatttctct tttttgcgcg tcaagtgtcc tttcgtccgc catggctgct 180
cttcgctcaa cctcgcgct tgctgcctcc tccaagcctc ttttcgccc agctgtcttc 240
gctcgctcct atgcgactgt cgatgcggct gccacggatc ccaaccgctc cgagacgcca 300
cgcactaaaa ctttccatat ctaccgctgg aaccccgacc agccgaccga gaagcccaag 360
atgcagtcct actccctgga cctcaacaag accggaccca tgatgctcga cgccctcatt 420
cgcactaaga acgagatgga cccaccctg accttccgga gaagtgtccg tgaggggtatc 480
tgtggaagct gtgctatgaa catcgatggg gtcaacactc tggcctgctt gtgtcgcatt 540
cctaccgaca ccgcaaagga gtctcgctac taccctctgc ctcacaccta cgttgtcaag 600
gatctgggtg ccgatctgac ccagttctac aagcaatata agtcgatcaa gccttacctg 660
cagcgcgaaa ccaagaccga ggatggcctt gaataccgcc aaagtcccga agacgcgaag 720
aagctggatg gtctctacga gtgcattctg tgtgctgct gctccacctc ctgccccctg 780
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agcgtctacc gttgccaacac cattcttaac tgcctcgcgga cttgccccaa gggctctcaac 960
cccgcccggt caatcgccga gatcaagaag ttgatggcgg ctcatataag agtaatggat 1020
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<210> 6327

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6327
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gatcaagaaa gctgaccoga gcgctctcgg tatcgaccgg aatgtgaagg aatacactgg 120
ttatctcgac gataacggta atgacaagca tctgttctac tggttcttcg aatctcgcaa 180
tgatcctaag aacgaacccg tctgtctctg gctgaatggt ggccccggtt gctcttccct 240
cactgggtcta tttatggagc tgggacctag cagcatcgat gagaacatta agcccgctca 300
caatgacttc tctgtgaact ctaacgcctc cgtcattttc cttgatcagc ccgtgaacgt 360
cggctattcc tacagtggct ccgctgttag cgacactggt gctgctggca aggatgtcta 420
cgctctgctc tctcttttct tcaaaccaatt ccccgaaatg gcggaacagg acttccatat 480
tgccggcgag tcttacgcgg ggcattacat tccagtcttt gcacccgaga tcttggtctca 540
caagaaccgc aacatcaacc tcaagtcagt cctgatccgg aacggtctca cggacgggct 600
cactcagtae gggtaactac gcccatggga tgtggc 636

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<210> 6328

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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<400> 6328
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tcccggacca tcaccgcaac ccccatccgc aacctccgac cactatcaac atgtcttcca 180
aaacacccctt caccagtcag gatcacgaca accaagcccc tctctctatc tctcccccag 240
ttaacgactc aagcacgatg gggatcaacc caaacctcca gcggtaaaaag ccaagccgac 300
ctaattggtcg aggaactcca agaactctac gagactgcta aggatgaatt cgaaatcgca 360
accgacagca caaacggcac gaccatctac gcggcctcag accgggagtc ggcgcgcgac 420
gcattgaatc agctgagcgc ggtgttttgc ctctatacga ccgagatgcc ctcatatgac 480
gagtcgcctc agccgcagca gacgcagccg gatgattccg ggagtcaaat ggtgtcgacg 540
tattttgate cgggggacat tgcacctgag gtccgccagg aagtcaaaan gaaggttttg 600

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caacgggtga	aggagcttgc	gaatgcngtg	ganngcgtng	angaaanggc	taangattga	660
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<210> 6329
 <211> 293
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6329						
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gaaagcagaa	agttagcggg	agcgatgacg	aaaaggagga	cgacgatgat	tggtaaactc	180
ggtggctact	tctcaatttt	tctttatgtg	ttgctgtggg	ttagatcggt	ctagtttcgc	240
ttgataccta	catattgcag	cgttcttcgt	ttcaatattc	agcattattc	ttc	293

<210> 6330
 <211> 1017
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 6330						
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cagaaaacggt	gattatgttg	cctggaacag	cagccgagaa	ccaccggtgc	tccaaacaca	180
tcatgaccgt	aacgatcgcg	aaaacgcttc	aggggcgcct	cgagaaaaac	atcaccgcca	240
tttggccttt	gacctgcca	gcttagatcc	taccaaattc	aggccacgtc	ataagcataa	300
acatagcaaa	tcccgtgacg	ggcggttccc	tcgaataatg	aaccccatcg	cctcctccgc	360
tagtaccagg	ggcttggtgc	ccccatggtc	tggtggctcg	gagaaggaaa	gcgatctcga	420
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tgaatctact	acgggactgg	gtactggtag	caggaattct	cgctctcgcc	gtagctctta	540
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ccgtgacaaa	cagctctact	gaggcccttg	tgcacgagca	agaaagtggg	atccattggc	660
tggccacaga	tattctgaa	gatagatag	cgctgtctca	atattcatcg	aagctaattc	720
ctcgtcacga	taccgctac	gctactgacc	cggtaacctg	gacgtctgct	aatcccgagg	780
atgcgagggc	tactgaccaa	gatcggttga	gaattttcga	cgaactctga	caaggcgata	840
ttcccagagt	cctagagcgc	aacgggatac	acatttcttg	tcaaggccag	cctttgatcc	900
ctttgacaac	ctatcgagac	ttttngtata	tattgacacg	ataccaata	tgncataact	960
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<210> 6331
 <211> 580
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 6331						
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cgtgaatccc	cggaaaagtc	gagttctgca	tcgaaccaga	gtcgggagac	atggagccga	240
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acgacgatct	cacaacggca	agcagaaggc	gaacatctac	tgccaaatga	ccttgaacct	360
tcctctccga	ttgacctgat	accacggcct	ctctccatct	ccaaaccgaa	ggctgagtgg	420
atcggcaacg	tccgacgagt	gctctctatg	actcgaaaagc	ggcctcagtc	atctggggat	480
ggcagtgtcg	cttctacagc	ttcgggcacg	gacaggagga	gtgccgtgct	tggatccgca	540
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<210> 6332

<211> 619

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 6332

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tgccgaaaaa	acgggtcatcg	caagacagca	ccgcatcaca	gcgtaggcgg	tcaatatcgt	180
cagacagcaa	ggatgatgat	cccaacatct	gcatgctgag	gaagaaggca	cataaccagg	240
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agcaagactc	cacgaccgca	acgagtgata	ccaagatggc	gaagggcttg	agaccggggc	360
gcaaagcttt	gattctgcaa	caagcctatg	agcacatcgt	ctgtcttcag	gctgagcttc	420
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tcattctatg	ctatatacca	cactcgctgg	tatcgtccaa	tttactgtac	cgttaatcat	540
gtgttaaaat	catactgtac	ctaatacatca	tgcttacatg	gttttgagtg	aaaaaaaaan	600
nnnnaaaaaa	aaaattcct					619

<210> 6333

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(696)

<223> n = A,T,C or G

<400> 6333

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ctttgtcctc	cgagcagcct	agcttttaca	ccgaagcttt	tcagcgttct	ccctgctcct	180
gtgcagactc	tgttttgctc	tgatcatcag	gtgggtatgt	cgtacgcaac	agtgcacaaa	240
cgtaccgcgc	agtatggaca	tggcgaacca	ggtacagtac	ctatctggga	gggctaggca	300
ctggaattgg	cgaaggctgt	cagggagtca	aatgcggtcg	tggagaaact	tgcttggcag	360
ctcaagaaat	cgagctagaa	gtagaatgtg	aagcagacga	gtcttcgggc	agtctacagg	420
ggacggggata	tggaaatgag	gaagcacata	accatcctaa	cgaccgtcgg	gacagccgtg	480
aagaagaaga	gcccgggttat	ttccgacaag	agatcatcgg	aattggaggc	gttgtcaaac	540
atnnngcnaa	gaaacgggtc	atgggtgggg	ctgtctatgt	tgagcagcaa	gatgagagag	600
aaacggggcca	gtacttggtt	cgtgaagagg	ctggacaaca	tcgaanctgg	tgtggatggt	660
gttggagagt	gattccatcc	aagagcgact	tacaaa			696

<210> 6334

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 6334

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tcgtgttcga	atatcaactg	caaagatcgt	tggacttcaa	gttttgaagt	gaaaagtcac	180
gacattcatg	atgttttccc	gtttttatat	cgtcagcctt	ttttcttttc	ttttcgattt	240
cccctttccc	cattcttctc	atttttcctt	cttcttttct	tatttggttt	ggttgggcat	300
atctactggc	ggatgtcact	catagattgc	gtttcttgac	gttggttgac	tttggacctt	360
ggtttccctt	tttaccactt	ttccttctac	tcagcttctt	gccttgagta	ccatggcggt	420
aatacctcgt	ttcattcgat	tccttgcgcg	gcttggtgca	ttgttttggt	tggcagaagc	480
tgtcatattc	ttctcttcac	tttaattgga	gtcttctctg	atgctacgac	gtcacacccc	540
gagattttcat	tcggcctgct	ctgaccccg	gatcgaggat	tatttctctc	ggntgtagtt	600
tattttcttt	ttgaacactc	aacctttggt	atttat			636

<210> 6335

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 6335

cacaagagtc	tcattttcaaa	ccaagcctcc	aactatcata	attctctcac	ctatttcctt	60
agaatcatcc	atccccatca	actcgctctc	aaaatgaaga	ccacattcgc	cgtcatcatc	120
tcgctctcca	cggcatctat	ctcggccgct	cctcttgagg	cccgtcagtc	caaccaagtg	180
actctggccc	tgtctaacga	ccagagcggt	gcctatgccg	gcgttgccct	cgccgctgac	240
ggaaccgaca	agagcatcaa	agctctctac	ggcggcacct	ctggttgagc	gagcggctcc	300
gttctcgctt	cttcgctcca	gctggcatca	ttccctcaga	caatccactg	cgttatcaag	360
aacaacggcg	cagtcattgc	aaatctcgat	gctcagcata	cttttgctga	tttggacgga	420
aaccgggctt	ctgctactcc	tgtaaacctc	gaccacggta	ttgtcaactg	cagtgcctga	480
tgggatttta	acagaacctat	ccatcttcac	acgggactat	ggcggtaga	ttaatgagtg	540
taatgagggg	gtttcatgat	cgggtgaatga	attgagctta	atgattgatt	tatgtgcctg	600
aaagcggggt	aatgtgcaag	agttcggttt	ctgataatca	agcgcaagac	catatatgta	660
cgcactaata	gaaacctgat	ttcactgctg	agaa			694

<210> 6336

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<400> 6336

cggcgcatga	tgcactgat	gcattcgaaa	tataggaagt	ataagcgcg	gaccccgcat	60
tqqqcccqag	gcggtcgctc	ccccaaaacca	ctatggacca	ttgaaaagaa	aggcgaaaag	120
caggacccgaa	aaaaaaatct	tttcttttct	tcctaatacg	caaatttate	ctccattcct	180
ctccttttat	tcctccatcc	atagtatact	cgaacaaca	gacaacctac	acagacaaac	240
agaagcaacg	cgcggttggt	ccagtggccg	gtcggataac	ccctcttcgc	ttcgtagct	300
ttataaatcc	acacacccac	gatctgcccc	ggagctccga	ccgatacggt	tagggcgatc	360
gagaggcccg	ttcggctgtg	tgagcggagg	ttggaggaga	gccagccgag	aagagggggg	420
atacaggcga	aggacccgct	cgtggctact	atcagacagc	cgtagcgatg	ctagcataaa	480
ttagtaacyag	ccatagaagc	tggcaagata	ggcggttcaa	cgtacgaagt	atgcgtccga	540
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<210> 6337

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

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cgtctccgat cggaagtcac cttgggggtg cagaagctct gtagtgaaca aagagaacga      180
ggtgttcccc gaggaggatg agaaccgcag tgacattgaa agtgatgtgg gtacagagcg      240
caaaacaagc tacgccggtg gtatgatgta cgaggcaggt agcactgtgt ctaatgatcg      300
acggctaagt ggctccagca ccgccactga gatcgttggc aagggctctc actcagttgc      360
cgatgacggg gacgggtgctt cggatacaca tgacgatcct aaggccgacg atccagagct      420
agactcagag tcgtctaaat tgggtactcta cggacaacat agcgacagtg ggattgggtg      480
tgcgagtgtc ncaggatacc ttcaggtgat gacctgattg atgtttaatt ggtgatcatg      540
tgcagcctga tatggattct tgagatacca ccgatggacg gttccaccgg ataattccag      600
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<210> 6338

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

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gtcgacgcaa gtccgggttac atccgatctc acacatgcaa tgccagccgc acgccaccgc      180
tcccaccctt ggatggacac ggacgatgtt tcaatcgcca tgttcgagca tgccgggctt      240
tcccagatc atgagaccgg ccactcagag gtgtcccatt catggagcgg cgaaaccac      300
gcaaatcacc cgtatcccca tcgagaactt agtcgggtgg actntacctc cctacatcac      360
cagaggagcc tcccgtcgaa aacgtcgaca gaaagtccgg ggtgacaccc tagattcttt      420
ttcccttttg atcccttacc ctcggaaccc cccatcttcg tcggttccct tacctgaatt      480
ttaacccttg agtggccttt ttcaccgatt gacgattatt ggaatcccg aattgcaaaa      540
ccttttaaat tccggggcgtt ttcccttacc cgggacggaa actatcggga gaattcggt      600
tggccaaaac ttctttccga tctcccttgg gaaggaatct ttgtgcacca aggttctcaa      650
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<210> 6339

<211> 481

<212> DNA

<213> *Aspergillus oryzae*

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ccaggcaggt cgtctcgctg tgctcgtcgc ccaaaggta cgcctcgctg ggcctcgctg      120
gaggaaaacg ggacgcgcgc ccaccccagc cgcgcttata ccgcgcgagg ccgtgaaaac      180
tctcggttgt ggggtctggg gtgacccaag cccggtggcc gtttggtcgc cggcaccggt      240
ggggctctgt gctcgttggc cgttggccat cctcgaaaag cagattccag gggggagcgc      300
ccctcgcggt gccgcggttc gtccggcgtg ccgcagggtc tgggtccccc acccgagggc      360
cgtatgcgcg aggcctgtct ccgccttttg ggggtggtcac gacgggaaca accttgcggt      420
cggaccggat cctgaggggt tccagtgggg gcaattggat ggtcgcctgt gtgcgcgcgg      480
a
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<210> 6340

<211> 1209

<212> DNA

<213> *Aspergillus oryzae*

<400> 6340

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ctgggttact	tccctggcta	cctctttgga	gaaccccaac	atgctgctct	ctggcagtcg	180
cgacaagacc	ctgatcatct	ggaaccttac	ccgcgacgag	caggcctacg	gttaccctaa	240
gcgcagcctc	gagggtcaact	ctcacatcgt	ctctgactgt	gtgatctcct	ccgacggtgc	300
ctacgctctg	tctgcctcct	gggacaagtc	tctccgcctc	tgggagctcg	ctaccggcga	360
gaccacccgt	accttcgttg	gccacacca	cgacgtctc	tccgtctcct	tctccgccga	420
caaccgccag	attgtctccg	cttctcgtga	ccgcagcatt	aagctctgga	acaccctcgg	480
tgactgcaag	ttcaccatca	ccgacaaggg	ccacaccgac	tgggtctcct	gcgtccgctt	540
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caccatcttc	gacctcgaga	agaagagcaa	gggtgatgag	ctcaagcccc	agtacatcga	900
gaagggcaag	aagagccggg	agcccgagtg	tgtagcttg	gcctggagcg	ctgacggcca	960
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tttttcttta	acaaaaaagg	gcaggcattg	ggtgggatgt	atgagccacg	agccattaag	1140
ccctttgggg	gtcccttagc	gggactcgga	gggtataccc	tcgtgcgtaa	ttcggcgaga	1200
gcgggattt						1209

<210> 6341

<211> 1363

<212> DNA

<213> *Aspergillus oryzae*

<400> 6341

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tgaggatggg	atagtgtgtg	gaaagatagt	cgttgtcctt	ggccttctgg	gcgtaggcaa	120
gggccatgat	aaccatgttt	ccacactcct	cgagtggcat	tttctcgtcg	tcgcccttag	180
gatggcccg	ggcgttcggg	tagtggttcc	caatatcgtg	catggcgat	gtgttgggat	240
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tgggtgtacaa	aaagatcggg	tgagcgggga	agatgacgtc	cacagtgttc	atgttgccat	360
tggacgagat	ctccttcatt	aagatgtagg	ggtcttcggg	cgtgccggtc	aattgctcgg	420
cagcaaagac	ttgtcggacc	gtgagggagg	tgattgtcag	gtagtcttgg	ccatcggcat	480
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agggatcaca	gtagtgcgcg	gtgggtgata	gtatgccgag	atggatcctg	aagtcttgat	660
attctttaaag	cgccgtatct	cgacctttct	cacctgtctg	cattttgaaa	tcagacccct	720
gctcctctcg	gctacttata	agtagcgcca	actacgatgt	ttttctaccg	ggtaactgac	780
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ggaaaagtga	ccggcgga	gtgggttccat	atcaaccatc	cctttcactg	aaagatgtga	1260
cagtctatgt	accgcggcaa	tggattttatt	attcaccatc	tttgccctga	agtgatccag	1320
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<210> 6342

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6342

gatgaatatt	cacatctgag	gaccaccacc	gatccatttc	tttccaactc	tatgcagata	60
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gagatcaaga	attcgggctc	atgtccatcc	ccacagttag	acgagccttt	ggctcgattc	120
cgaaacaaag	aacgctccaa	tccattcgag	ggctattaca	aatccagact	ctcggctctg	180
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agggcgcgcg	acgtgatgtt	catttctatc	cgaaaaccat	tttcatcacc	ggcattgaca	360
ccccttacgg	gctggccttg	gcacgatgtc	tatactatca	cggccatcgg	gtggtgggcg	420
ccgacatcac	agatctccca	ttcgcatcgg	gtgaaggcat	gtcgaaaaca	ctagcgactt	480
actatcgcat	cccagggctg	cactatgtgt	cccgcctact	cgacatcatc	cagagggaga	540
aagctgatat	ctggattcct	tgttcgtcgc	gggcgagcgt	cctggaagac	gcaatggcca	600
aacaggcaat	tgaaagccga	actgcgtgta	aatgtatcca	cctggacacg	gaattagtca	660
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<210> 6343

<211> 569

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(569)

<223> n = A,T,C or G

<400> 6343

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aggagatgcc	cctctatccg	ctccttcatt	cgatgaagag	agccggacat	cagccctaag	180
ggaaggcatc	accatgcttg	ccacccgagc	cctaacggag	ggaaagtccg	tttcgtaccg	240
gctgggaaag	tgcctgctct	acatgaatga	tgtctccgcg	gcccgtatgg	catttctgta	300
cgatgcgana	gtcgatccctg	gctctcaaga	tagtgccctgt	gtcgtgtgcg	atctctgtaa	360
aggggaaccg	acagtcacag	aatgaccatt	tgtgtgtcaa	acctgtcccc	atctcgaatt	420
ttgtgtcaat	gtatggacca	ctactaccgc	gagagcttta	aatccggtgt	gtgatgacat	480
catntttaga	ggtcaggcct	atgggacggt	gtggttgcta	tgatttgttt	ggggtaaccc	540
cggggnccct	tctgcttttg	tgaaaaggg				569

<210> 6344

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6344

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tcttatcatg	actcttcgcg	ccttcgacgg	gttgcggtcg	agaactcccg	tgcgcgacgg	180
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gatgagatcg	aggagaagca	acggtcggcc	gaggagtacc	aggcgtctcg	ttccggcaaa	300
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caaaatggca	gcggcagcgt	ggcccagccg	gaggaagaca	acaaatatcg	ttatgacgat	480
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tttcaggtgac	gcggttgca	tgcgaactgac	atcgaggagg	acccagccaa	gaagtctctg	600
caggggggtct	gaactccggg	aagcgggggg	cagaaacagt	tagaagaacc	ccggtggggt	660
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<210> 6345

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6345

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ccgatcatcc	tttattagag	gaggacgaat	tatcggacac	cgaatgggaa	cctgtgcaac	180
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cttctccggc	gtcccgggcg	tatttcaacc	ccgttacggg	ttcaccgcga	gaaatttatg	480
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tgcagaccta	tcaccgggtc	gggaaacggg	gttctcgaaa	gagtcgattc	cacctgtcgg	600
gctctaaggg	tgttggtcga	tattctcctt	tccgacccgga	ggcccccccg	atgtcccgcc	660
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<210> 6346

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 6346

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caatctgcac	ctgaaagatc	gaaatggggg	agacgaactga	tttatgccgg	aatttttggg	180
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ttagcgctac	agaaagtctt	ttggaacgac	aaggagcggg	aggccgttag	cattgtntat	480
ttngggaatg	gcctggaang	gatgccgact	tgttgctcacg	gcggaagctt	tgccactgtc	540
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<210> 6347

<211> 270

<212> DNA

<213> *Aspergillus oryzae*

<400> 6347

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ggggccccct	taaaaacccc	ctaagggggg	ggttttaaacc	gggggcgagg	cccccccccg	120
gggggtttttt	cccggggggg	aaaaaaaaaag	gggggtttaa	aaaatttttg	ggggaccctt	180
ttaaaaacctt	ggaaaaaaa	gattcccccc	cccaaaaagg	gaaaagtgtt	aaaaaagggg	240
ggatccccat	ttgggggatat	aaaaatgggg				270

<210> 6348

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 6348

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tagcgctcct	tcagccggct	cttctcttat	tcttttggtg	aaatatcccc	atatacatac	180

agtcattaca	tctgtctttg	cggatataaa	cgaccatcta	ccatgcctaa	atacgggtgcc	240
ctcggtgcaa	ctttcatgat	cgcccggatc	atccaggctt	gctgtcttat	tgctatcatc	300
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tttatcgga	caatcacagt	gacctgcata	gcagtaatct	actgcataat	cacttggatt	420
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aagatcgctg	aggtcgccga	caacatttcc	agtgcgtatg	ccttcgccac	gaaactgagc	600
agctacctat	ccaacctgga	cggaaagttg	cagtacggga	ctttgattgg	tgccagtaag	660
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<210> 6349

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6349

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taaactcggt	cgcgaaagct	ccttccaact	cttattgacc	acagcccctc	ggggcatcaa	120
cgtgggttgc	tctgtccatc	gcgcgcacgc	tcacgactcc	gccagggaca	gcagctacga	180
acaatggcac	ctccccgcgc	caatctactt	tccaaagagc	gattcgcatt	ctcatttggg	240
agcctcaaga	ctcagaacta	tcatgacctt	attgcgcgaa	cgcccggatc	tcatacaatc	300
cgaacgatat	catggaaccc	taccggggcaa	cttatagcta	caagctcagc	ggaacgtacc	360
cttttgatat	ggaacctctga	gcgcgcgcga	agcaaatact	ctactgagcc	tcccggggac	420
acccggggat	tgaaaaaatct	tatattaacc	catttttagac	actgagatct	cccactgttt	480
ttttatgggg	gcgcgccttc	tttggaagct	tcctctctaaa	aactgggtgac	accctttaaa	540
ttgggggcga	aaaatttacc	ttgtttgtga	ggtgatgggg	gaaaaaaagg	gggggggggg	600
agagaggaaa	aacttttaacc	ccactctttt	agaacccttt	tacccccaag	ggtgctaaaa	660
aggata						666

<210> 6350

<211> 619

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 6350

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acccccaaaa	catttgaaaa	ttaacattat	aatttgacat	aacatgatag	ccttttttta	120
aactgcccgg	tcacaaatga	tgtcggtttc	tggtcttcgg	caaccttcat	tggcaggttt	180
caggaatgaa	tcttcgcagc	ttgacttggg	gccaggtcaa	gtatttcgaa	tggcctcttt	240
gacaaattat	ctctcgggtat	aaacaaagga	aaagtgggta	tatagttctca	atcacttaac	300
gttcttcatt	gggggggcatt	atcgagtaaa	aactgggttg	cttcaactcca	gcgaaatgca	360
ttaccacatt	ggatcacagt	cttaccagtc	tcattcttct	tttcaagatc	gacaccttcg	420
ccccctttct	cccgaaagac	aagaaacttc	atggctctat	tctcgaaggc	ctgcattatc	480
gcattccact	ccccaaaggg	cttggtcgga	tctgcgcctt	tcttgagcag	caactcaatc	540
atcttggaag	ccccattggt	gcatttaacg	accgncctta	caatgggaaa	aatcttcccc	600
ggccacattg	gaattcttc					619

<210> 6351

<211> 728

<212> DNA

<213> Aspergillus oryzae

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<400> 6351
ccagggttcat catcaagggt atcaggcctc tggagactgc ctacactttc caaggcttcc      60
cttatctgtt ctgcaagtgg acggacaatt cgaaaccatc caaaacctgc caacgcgcct      120
tcaaaactcc tacagatcct cgcaaccatg ttatctcaca tcatatgaac cttgccacaa      180
tccgcagaca aacctatcta cataccttat ggaacccata cgattttacc tatacacacc      240
atctctttgc cataacatta ctttactcac aacttctcga cccactactc caaacatcgc      300
gatcgacta cacctcttac tcacctata acgctatcta caatcacact acgctgacaa      360
aaccttctta acatctcact ctccatcaac aatcatccaa tatcaatccg cataaccata      420
aatccatcgt ctaaatacct tctagttaca aactccaaag acactactcc atctccacac      480
caaacccttc tatctaacc accccacaat tcacctctgt ataatgctct ctaccactat      540
cgaatacaag cgtcacatat caccgatcta catcactcac cacacttata cccgcaaatc      600
cacatcctac gctcaatcgt tactgattac ccttgacaca catccaaatc tcttcaccta      660
tcaccccgca tcttaccta ccaccttcac attcactaca actaattccc acaataaata      720
tactctac

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<210> 6352

<211> 657

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

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<400> 6352
ctgcgacact gtttataatg acgagcttgc agacggaaaag attcatgaac tcggagacaa      60
tgaaagccat caggccagtc cagggtttga caggggggat atgtcaccgc aagcaactcc      120
gaccatttct acaggtctct ggatgtcgat atccaaaggac aaacggacac tgctgagagg      180
atggtatccg aaattctcca tgcaaggcga aaccacaggaa ccagtggaaa gagaagtga      240
ctctcacgct gtcaagtctg tagctaattg tgcaggatc gatcttgatc tcagcgtaga      300
gaacccatta gaacagtggg ctactaatgt caagtccaac aaggcttccg gcccttaccg      360
tgtagtggac atgtatgact cgcangtgcg agtgtagaaa cgtncaccgc tgagtgaact      420
gctggatcaa gcangctgca aggtggaaga cattgactac tctatgctgg atcgattccc      480
tggcacaac aacggcctca gccttgctca gggttcaggac ggcgacaagt gcgccaaatg      540
cgctcaaggt cgtgtgaaaa cccangtcgc gggtgaactg ggccatacct tncatcttgg      600
cactagatac agtgaagttc tacaagcctc tgcatggtg gaccaatcct catctgg      657

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<210> 6353

<211> 644

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

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<400> 6353
ccccaagacc aaaacaatgc caatcctacc acatctcccc acccactccc aaacaccccc      60
gatccacacg gcccgacttc tcttcgacgc gtttcggggc gcygatcttc ccgcccttca      120
tgtctctcga accactcccg acgtgatggc ctggaccgcg cagggccgca tcgacgcac      180
nagagagga acaagtaaat ggatgcaacg cttcacccaa gacaccgaac caggcgaaca      240
accaaaacta aatttcgcgc tctaacgcaa accaatctcg ggccgaqtc atyctacgga      300
gtccgaggaa ggcatgttta tggcggttat gggcatcgtg tctatttccc cggaggacgg      360
tccggaggta gggatatctat ttctgcctga gacgtggggc atgggggatg cgacggaggc      420
tctgangggg tttgcggaag cgtggtggag gttgcgggtt ccgggggatg gcgtctctaa      480
gaacgggtgag ggaqctgaag aaggggggacc ttgcgcgctg tcaccgataa gacgaaactt      540

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gggagtgcga	nggggtgttga	ccaaatgtgg	ttggactggt	gtgggggaaa	ggggttaagg	600
tgaagattat	aaaaaggtgg	aattggtgat	ttggaatttc	gccc		644

<210> 6354
 <211> 647
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 6354						
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gagcaaatgt	caataaccgt	agcatttcg	gttttactcc	cgctgacatt	gtttctaccc	120
taccgcgtca	tcaagctgt	ttgggtccag	cgcagcatcg	cgctcaca	agcgttgggt	180
cattggcctc	gtcgcgacgc	agacacagta	gctctgcctc	ccttcattcg	ctgtgggagt	240
cttcctcggg	ttcgttcgat	gaagccatcg	atgactcgtc	tgatctggat	gaggacgaca	300
gtgacgacct	cgagtttacg	gtgtcacggc	ggtcaagcat	gcacacgac	gtgccggcac	360
cgctcccga	tgccgaccaa	gcctcggcgc	ctgaggacgc	gcgaccatta	tctccgccc	420
cccgccttgt	cgcttggcgg	aatcagttac	agactcaaat	caatcagttc	cagcaaacgc	480
tgcccaatgc	gttcccta	ctttccgcaa	tgccacccat	gccggctttt	gctgactatc	540
aaacgcacc	gatgatgcgt	ngcaatacca	accttgntcc	acaccgggct	ttcaacgccg	600
gtcgggta	gaaagctgga	gggacctct	gaccggcaat	tcttgcc		647

<210> 6355
 <211> 676
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6355						
cttgttctc	ctacctacca	gacacaaccc	accagaaccg	acccttcaat	atgcctttca	60
ttcctatccc	tgagcccggg	ttttacgac	acgtcatcaa	cagacccccg	cccatcgctg	120
tccattttctg	ggactcagca	gcagggtccac	ctacccaaga	attcgaaatc	ttggagtctg	180
gaaaccaccc	tgctagcgat	cgtgtgacat	tccgggttga	tgtttcccaa	ttccccgttc	240
taaacgcccc	gagcgacgtg	cctgtgacga	tcctcttcag	tgaggccta	cagttggaca	300
ctgccaacgg	tgcgatatt	ggcatattct	tccatcttct	tgagcaagct	gagtgcggc	360
tttgaaatca	tacatcgggc	gtcttaccat	gaatgatgca	tatagcatgt	tacggcacgc	420
ggcgttatgg	acccggcgag	ggttagaaa	gacctcacat	gttgatctca	gcttctttcc	480
cagggatcag	tctgtttccc	aatcaagttg	tcagctttga	tccagtatac	cttatctagt	540
cgacatgctg	acacaccctg	cgttgtatgt	cgtaaccagt	tagaccatta	tcgaagataa	600
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catgacatca	agaggg					676

<210> 6356
 <211> 674
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6356						
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cactgaacgg	cgtcgagggc	tacgagcaca	ccaaggtcgg	cgaatggaac	tctcagatca	120
ttaacaccat	cctcaaagca	ctcatcagcg	ctaccgcccc	ctctaccccc	tcggcagcag	180
ccccataccg	gttcaccgtg	aacagcacca	tcgtgcaaca	aggtctgata	gacaagtctg	240

ccgccgcaga	aggtgccgcc	agcaacactg	gcaagcgccg	tatgcactcc	ggctctgggtg	300
ctttctggga	cgtaaccgc	gatggaatgt	ggacattcta	ataccccggt	gctgacgtac	360
tgggtctgga	actctctttt	agtgaacct	ggtttatcga	cactaatatt	atctactatc	420
cctatccttg	tttatactat	atatctttag	tattttatat	tatgttgtag	ttactaactt	480
ttttaaacat	attcggtgat	atctttatta	agatcttact	tcattattta	atctcaataa	540
ttcataatct	actttactct	tttctttata	agatcctgta	ttcctaaata	acttttatcg	600
tttactcata	tttcttactg	aaagtcacgc	tctttatcta	catgtctata	attattatct	660
cattcctcta	ttcg					674

<210> 6357

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6357

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gtcatccagt	cgaatctcgg	ccctcaaata	cacatttcat	aagcaagccc	aagaggccaa	120
cattaaacct	ttcctctttg	gggatgcttc	cctcggcgaa	gtcgacaggc	tcaatgttaa	180
gtgtcctttt	gcagtttctg	ccgccaaagtc	cgacgatgac	gacgtgatgg	aggccagcac	240
cttgatgagt	ccagactaca	tccagccttt	aatggcgctc	gaattaatgt	acttagtaca	300
gatgttattt	gaccgagaaa	atatagcctg	gatgcgacat	ttatctgcta	agaagcttgc	360
tctacggcaa	caagagcagt	catattggca	gcaggacgat	ttaccaaata	gtatccttcc	420
cgggtgttcat	actttacggg	gtggctcctc	cagttacacc	atggctcgaa	tatccgacta	480
tactcgctac	gaagagaggc	tggcccgggt	gcagctgggc	aagtgggcac	ctgaccttca	540
acaaagccta	cgtaatgaac	gagaaagata	cgccccataa	caagggggga	cgtgcttggt	600
gcttacaaac	caatagcgag	ggattgaaaa	ggtctgtggc	ctaattaaaa	aactctgctt	660
ttgggggttcc	ggg					673

<210> 6358

<211> 1205

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1205)

<223> n = A,T,C or G

<400> 6358

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gtcgtgtcca	cgatatgata	cagcgccgtg	tcttgaaaac	cgaccatctg	aagcaattca	120
tctttgatga	ggctgatgag	atgttgctct	gtggtttcac	cgagcagata	tacgacatct	180
tccagctcct	ccccagctct	acccagggtg	tcttgcctct	tgccaccatg	ccccaggatg	240
tctttgaggt	caccaccaag	ttcatgcgcg	accccgctcc	tatcctgggt	aagaagcagg	300
aaatcaccct	cgaaggatct	aagcagttct	acatttgccg	cgaggaaggag	gagtggaagg	360
ttgacacccct	ctccgatctc	taagagactg	tcaccatcac	ccaggccgtc	atcttctgaa	420
acacccgcgc	caaggctcga	tggctcactg	apaagctcac	tgcctcgtga	ttcactgtct	480
cggccatgca	cggcgatatg	gagcagctct	agcgtgatgt	tatcatgaag	gagttccgct	540
ctgggttcttc	tctgtctctg	atcgccactg	accttttgcc	cogtggtatc	gacgtccagc	600
aqatgtccct	tgtcatcaac	tacgacctgc	ctgccaacgc	tgagaactac	attcaccgta	660
tgggtcgtgg	tgggtcgttc	gggtcgtaaag	gtgttgccat	caacttcgtc	actgctgaag	720
atgtccgcct	gatgcgtgag	atcgagcagt	tctacagcac	ccagatcgag	gagatgcccc	780
tgaacgttgc	tgacctcctc	taaacacccc	cacctttata	cctcacgatg	cggattacgg	840
tgcagtttgc	caatagcggg	ccaagggtaa	gctgcgggtg	aaaaggcgtt	atgacatcgt	900
tgtgcttctc	ttggcaaaag	agaatccttc	aaaagtggct	ttctgtgtct	ccagcattta	960

ttattactcg	cggccgctag	tggagggaca	cctctgctcg	ttgcttggtta	tgggttccta	1020
tgttttcctt	gctattgaga	tgcgacatgt	ttgtgcgatt	aattgcctgt	attcattggg	1080
tctcttnccg	cttnttccaa	cttttttttt	cncctttttt	gtacctagct	cgctctgggt	1140
gggtaagatg	ctgcacatac	taaatcgaaa	gggtgggctca	aaaatgattt	gtcatttcgg	1200
cagtg						1205

<210> 6359
 <211> 651
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 6359						
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cgagcacgtt	caggccgtga	ccaaggactc	agtagcagcc	aaggagacgt	acaagcacat	120
ctcggaaggt	atctatacgg	tgcgtgattt	ccgagagaac	atttcctcga	tcatgaaaat	180
gggtccccctg	tcaaaacttt	ctggcatgat	ccctggcttg	tccaatctca	ctgctgggct	240
ggatgatgaa	gatggctcgc	ttaaactccg	ccgcatgatc	tacatttttg	acagtatgac	300
tacggcagag	cttgacagcg	atggcaaggt	ctttgtggag	cagcctagcc	ggatgggtccg	360
catcgctgt	ggtagcggca	cgaccgtgcg	cgaggtcgaa	gaccttctgt	cgcagcacccg	420
catgatggcc	ggtatggcca	agcgcgtcgg	tgggcagaag	aagcagatgc	aacgagccca	480
gaatatgctc	aaggggtggca	ataaagaaca	gcagctcgcc	gcgatgcaga	agcgcattggc	540
ctccatgggt	ggcgcanctg	gcgcangttt	tcctggaatg	cccgggatgg	gcgatatggg	600
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<210> 6360
 <211> 688
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(688)
 <223> n = A,T,C or G

<400> 6360						
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attccagtat	ccaattccga	caqtgcgcgg	tgtggaacag	gagctccgcc	gggacattgc	180
cagcaataag	gagaagctcc	gagctctcgt	tgggacgaga	tatcgagagc	ttgttggaac	240
cgcgaaaacg	atcgatcga	tgaaccgcga	gatgcaggag	gtggatgcga	ccctagcgga	300
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caagggtgat	gttcacgaca	aaggcgcaac	taaacgagcc	gttggggccc	agcttgcttt	420
acttcattcg	tgtgagacgg	ctatatctcg	actattgagg	agacgtgatt	ctcttctctt	480
aggagctaaa	ctgtggttgn	ttccccactt	ctgcataaag	cactgtccaa	ccaaaagacg	540
ttggcggatt	tttttgaaag	cttaaggaat	caaataagct	tacttgaggg	aaacccctttt	600
taagaagggt	aacaagtgc	taaccttaac	tcattaacag	cggatgaatt	attggagtc	660
tactctttta	ctggtacta	tcaacctc				688

<210> 6361
 <211> 672
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6361						
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gaaacttcgc	tatcggtccc	aaaacgtllt	gatcttccaa	aatatccaca	tccacagtaa	120
atcggtcacc	atgggcctta	caatccacac	cgtcggaacc	tccaccctcc	accgtcaggg	180
cgaacgcgcc	gtcatttacc	tgcaggtttc	cagcgacgga	agtgaccagt	ctacagtatc	240
tcaagacgtg	actcgcacct	ccaaccgctt	tcaatccctc	ctgaaagaaa	tcgcgccgaa	300
gcaggactcc	ggcgacccca	ccccgaagc	tcccgttaca	ttctggagca	tgagctccat	360
tagcacccgc	agttatctgc	cttgggatca	cgacaagcag	gaacacagag	cacgagtcta	420
caccgcccgc	accaacttcg	aggtcaaatt	ccgggacttc	agcaaactgg	gcgagttcgt	480
gtcggacgtg	gcgaaagacc	ctcttggttc	ggtgcgggac	gtcgactggc	agttgacgga	540
tgatacaaag	cagcagctgg	gacaggaatg	caggaagcta	gcggtcttgg	acgcgctcgc	600
caaggctaaa	gaatatgctg	ggtgcgctga	cattgattat	cttccacccc	gttgggaacg	660
atgattctga	gg					672

<210> 6362

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 6362

gaacgctcct	caggctcgca	gtggacggga	tagccctcaa	ccgggaccat	ttggctattc	60
ctttctttcg	cccatggata	ctccttaaga	acctgcacct	gcgcctcctc	ccggggccagc	120
tcttcttgat	gataatgagt	ctaatatgct	tgataatttt	ttcacgacaa	tgaattccaa	180
ccatttcacg	aacgacttct	ggctccaggg	ccaacagaat	aagtcacttg	ggccgccaaa	240
ttttgaatgg	tcagatgaac	tacctccgac	attcgaaggc	tccaccacct	ctctctcaca	300
acctcacttt	cctcaccgcg	gcctagataa	atccggaatg	gatattttac	ctaaccattc	360
gaattcggat	atcttcgcgg	ctgcttccat	gctctatcaa	aacggcatga	atggggctgg	420
acttggttgc	ctttttgcac	atcaccgcgt	ctcctctttc	tcaaatatgg	actacaataa	480
tacccatatt	aatggctcag	taaaacccca	tcaaccacaa	tcagtgccat	ccaagcagtc	540
gaacacgttg	actggtgcac	gtgcaccggt	ggcttatcac	acgtcggaaa	tgctctttga	600
tytgcgagat	ccaatatcag	cagagcaaca	agccactgcc	aaagtacggc	ctcttcattg	660
gggg						664

<210> 6363

<211> 701

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 6363

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ccgtgacacc	atccgtcacc	accaggggac	agaatgaaag	gagctccccg	tccaaggagc	180
aagcatccca	ttcgtcttgt	accggcaatg	ttgacattcc	ccaaatcgaa	ggcctcccac	240
gtataaaactc	gtcaggctat	gttgttcctg	aaagccctag	cgctgcctca	gaagacgccc	300
cctctgggga	cctacccgct	gtgagcgatc	cgctcctagg	cgggttctca	gtgagccagc	360
cacatgaaaag	cacaagtgcg	agcatccagc	agagctacca	gtatccaatg	gatgacactt	420
ttcgggcccc	tatggcccac	aacatagaaa	agctagaatt	gtggcaaat	ccattgacgg	480
ctgactggga	gtttggcggt	cagtttctga	gtcttttctg	tccacaattc	ttagatcaag	540
ggggtagcga	tgcatgtctg	gcaatggccg	ggatgacagc	accaccaatg	ccttcggcgc	600
caatgaatat	ggggttcaac	tgcgaggatt	ctgataatgt	ggacgactat	cctgcgtgga	660
tgccccgagg	atttatgaac	ctcttctaaa	caatngacaa	a		701

<210> 6364

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6364
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tcgagtacgc tcacacgtcc actgcagctc gtcacccgag tgctgcagtg gtctagtgtc      180
gtcattgtga tgggtatcac ttcttacttc atcaacaagg ggtccccgtg gattgtctat      240
cacgtaccaa gaaatcattt ctaccatgtc ggtcgtattc ttcttgccag ccttcgtctc      300
tccgttcattg cccacggctc ttggcaagtt cgtactgtc atcgatgtca tcttctcgta      360
tctgtggctc actgcattta tctttgccgc ccaagattac aaccgccatg actgccgct      420
caacgctccc ccaggaatct cctgctccaa gaagagggcc aacgaagcat tcatcttcct      480
gactttcatc tttaccttct tcggcatgtt cctcgaggtc cttggtctct gggcttacgg      540
ccgcgagaat gtcccagtc gcgaaaagac cggcggtgct caccgcggtc ccgctgatgc      600
cccagtcgcc acagcctaag cgtcaactac tctgtcgtcc tcttatcagg caccgatagg      660
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<210> 6365

<211> 889

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6365
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ttgatttcaa agcatcccga cagcttgagc tgttgctatt acgtattctc agcaaagcta      180
taaaaacctc aagatgcccc tcttgatac ccctcatcgg ctcgacctca tttgaaagct      240
tgtcagcaac acttacctac ctttgagaga atggctcccc ctaaggctct cctcacgggt      300
gccaccggtt acattggcgg agatgtcttt tatgccgtac atcaggcaca tcttgactgg      360
caatactccc tcttagttcg aagcaaggat aaggcagccc aggtcactag taaatacccc      420
aatgtgagaa tcgtccttgg agatctcgac tcgtccaata ttattgagga agagggttaag      480
aacgccgaca tcgtactcca ttgtgccgac tgtgatcatg tagcatcagc cgaggcaatc      540
gcaaagggtg cgcgccacca cagccccgag aatccagtc ggtgatcca cactctggc      600
actggcattc tgaccgttga ggatttcgc accaacacct ggggcttcta ccgttctaag      660
gagcacaacg actgggaagg cgttgacgaa ctcttaacc tccctgatga ctctttccac      720
cgcaacgttg acaagatcat catcgaggct agccagcgga accctgaaag tgtgaagacg      780
gccatcgtct gccctcctac tatttacggc cctggcctg gacctggtaa ccagaagagc      840
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<210> 6366

<211> 443

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6366
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cggagggtgt tatgaccag atcgaccga gatggacgga atgtgatcgg gaatggtata      180
ttccgcctgt gagtatggg cctcttggg gcgatctgga gtccctgcct actggggctg      240
cggaggcgag ggttcccacg cctacgccgg cggtgccgga gtcgggggtt gctgtgccta      300
cgccagagge tactttatgg tagtttttgt tgcttcgctg atcctagcga tgtacataac      360
gtccgtagtt gtacatctcc aatacgatac cccaatgagc aaaacagaac acatcataaa      420
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<210> 6367

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

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<400> 6367
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gagatttgtg aaaccggagg tcacgatata ctgagctgca cgaatatgtt tggcgctgag      180
caaaaagaaca agagcaacac tgataccaag gagccctctc aagaggactc aactgatgaa      240
aagttcacac cagagacgtc accggctccc gagtctgcgc aatccaatca tgaggatagc      300
acgactcctc agaaaaccgg ccgagatgtc gttttggaag ggctgaaagg ggtcgcgacg      360
acatcttcca tggctcccggt ggcaggcaag gcgagtggag ccgttgatga gtcgaagtgg      420
tgtgcactct gtgaaaggga tggccatgaa agcatcgact ggccatttga tgattaatgg      480
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ggcttgatac gctncttgca atatgatgtg agatgacgtt cttattcggg agcggagtcg      600
ctcccgaaatt atttttaata atggggtgga cccaatttct tttttggaag ccctatacac      660
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<210> 6368

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

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gttcaccaag gtctcgatag aatgtcaggc ggctgcttga cttctcccat ctctgttctt      180
ccatcatcgc gacagcgctg agcttccttg gcacacggcc ttggcttagc tgattatctg      240
tcgaaatccg ggaatcaagg gaccacctca agcgttccaa ccggtccaat ggctagtgcc      300
gtagccaacg cacagtcgca ccatggggcg cggctatcca ttaccacgct ggggctttca      360
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ggccctccta gtgtcacgcc gacctctccg ttgcacagga gggtttccct tggcgacaaa      540
gcattgcgag atgtccgcgg aggaagcaca ggcaatggta gatatccctc tccttggtca      600
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<210> 6369

<211> 977

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6369
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ctaccagcgc ttgctgcggc gcaagagcag gttcccatcg cggatcgtgt ccagggttgg      180
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aagggtggtcg aacagaagat tcaagaaaag actgtcaccc ctttcaacct gtccaactgg      300
caatcccttc tggcgccatc cgtatgagct aaggactggt ttgtcttcat caccggtgga      360
aacaagacat gcttttggacg ttgtcaccaa ggggagaaat cgttttaatga atccgttctc      420
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gtaacgcccc agtcccttta caagattcac tctgagaaga cctatgagaa gaggggcgcg      660
taagagggtt ccttccacgc tacggatagc ttgcttgcgc agaggggact tttgatccct      720
gcaggctatg tcatctatgc cttcagcgca atcccagact ggttttctat gatcttcatc      780
agcttcttca gccggaccat gatgggccgc cgaatgggaa acacgggagc ccccgctgct      840
cgctaaacaa acatcgctgc tcatgaggat gatgatgtcg gcttcgatgt ttatggtcag      900
ggatgtatat aatgaactag cagtatctga gataaacctt agataacttt tgggcctcgg      960

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tcacattccc tattctt

977

<210> 6370

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 6370

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cgcagtagct	gtcaccggg	ataccagctc	tqctactccc	aaggagttca	gagtcctcaa	180
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tctttgtcaa	agctcaaatg	actgccctcg	agtcagcact	ccgacttata	ctgatacttc	360
ttctgaaaac	actggactgg	attcatcgaa	atatcaccga	tgaccgggat	aatgctgtct	420
ggttggcgac	ggttgcttct	acctggcttt	ggctagaacc	tgccttgatg	gtcatggctg	480
cttggatggg	cggtttgtag	tggctntagt	ttacatcagg	tagttagttt	attgggtcta	540
ctttattatt	gtgcgtagtg	ataataggac	agacaatggt	accgcattaa	acatttgcta	600
aagnanaann	nnnnnnnnnn	nnnnnnnnnn	nnaaaattcc	t		641

<210> 6371

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6371

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cgcaggatgt	gocgtcattg	accgcgtgg	atacagtacc	ttcgttgagc	tcgcgcgcac	180
ctagcattgc	gccaagtcc	cggaaatgcca	ccccggctag	tctgcgcccc	tccagctcaa	240
tcaccagtat	ggaagctgat	attcgagtgg	ttgacggagc	gcgtagcccg	tctctcagct	300
gocgatacgt	tcccgtatct	togatgatgg	cgcctaacc	caagatggaa	gaaactcagc	360
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aatatctccc	tgetgagctg	gtctccgctg	tgattaatac	cttcttttcc	ctcccatcct	540
agcaccctgc	tggtacctag	aatgataatc	tgcttctcat	gtcttgccag	aaaagtgtcc	600
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<210> 6372

<211> 1133

<212> DNA

<213> *Aspergillus oryzae*

<400> 6372

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ctgggtctcac	tgcgcttagc	ggtttatccc	gtgtaagacg	caagacggct	ctcttcgact	180
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ccgtacccag	tgaattccgc	ggtctggccc	gcgagcagat	ctcccggta	gacaccgcaa	300
ccttcacgca	caagagagtc	aacacaattg	agactgtctc	tgatgaggcc	acgaacacct	360

catacttttcg	ggcccaaaaac	accgatggca	aggcgtacac	cgcccgcaaa	gtcgtcctgt	420
gcacgggtct	cgtaaaccatt	ctccccgacg	taccgggtct	gcaagaaacc	tggggcaagg	480
gcgtgtactg	gtgcccgtgg	tgcgatggat	atgatcaccg	ggaccagcca	ttcggatatcc	540
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ctataggcga	ctgcggaaaac	gatgctagca	gcaatggggc	ttacgctgtg	tttaggggca	1020
gaaatggctg	atgtttttgc	ctcatgctaa	atggctgaag	aggaggttat	caaggtcatt	1080
ggacaaacgc	gatgactttg	taaaagaggt	tgtaaaaact	gttgccatt	act	1133

<210> 6373

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 6373

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ttggtctaca	agcgacccgg	tactgaggct	ccctggaccc	aaggctcgtga	tgtctggtgg	180
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accgctggat	atctcctggg	tgccgctatg	accggcaagt	atgtccttga	tatccacgac	360
gacgatcgct	ttttctgtgg	tggtgacgtc	ggttggtatca	ctggtcatac	ctatgttgtg	420
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cctacagcat	tgcggtgtgt	gaaacccccct	tgataccac	cccatttacc	acaagatggg	600
ctacctcgct	attctgggct	tccgctggga	accttacct	tgagagggtt	ggaaatgggt	660
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<210> 6374

<211> 1006

<212> DNA

<213> *Aspergillus oryzae*

<400> 6374

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tggctgttgg	aaagaacaag	cgcttgctga	agggcaagaa	gggtatcaag	aagaggaccg	180
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gagatgtggg	aaagactttg	gtgaaccgca	ccagtggctc	caagaatgcg	aatgactcgc	300
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gctcactgtg	gaaatgaaatg	cagaatcttc	tctagaatca	aaactgtcgc	tgcctctcga	960
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<210> 6375

<211> 1006

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 6375

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ctctgctgaa	ggagtcgatc	cccagacctc	ctaacatgcg	ccaggctcag	cgctcctctg	180
aggggtgcct	ccgtgcccc	atcgtcaacc	ctgccgacaa	gtaccaggac	aaggccgatg	240
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tctgtttgat	gtacatacgt	ctanagtga	gccttttccg	agaagctcct	agttatacat	960
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<210> 6376

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<400> 6376

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gcttcccacc	catggatcag	taagccttct	gcaactggcc	atctgtcgcc	taacagcgga	180
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<210> 6377

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 6377

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tggatctcca	gtagacgact	acgaatctga	agcaagtttt	ccgttcagca	nggaccancc	600
ggaaatgact	tcctatgaat	gggatattag	actcccaaat	ttcctagggg	tgtttcaacc	660
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<210> 6378

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6378

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ccttgccatt	ctggagaata	ttcgtgttaa	ctgatgatgc	cgatgatacc	gaaagacggt	180
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<210> 6379

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 6379

caaagccacc	tctgttccgc	aacttatttc	ccccaccacc	accgccaaat	gccgacaaaa	60
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cggcccgctc	gcctcgctc	gacttggaac	gaccgggtgc	ccaccctccc	ggatgcagag	180
rtgatataac	acgggagaaq	ccacgaatcg	ggacgacggc	cacagcatcg	gagccgcggg	240
ggccacccca	gctacaccac	cgctcatctc	aaggcgaatt	cacagtctac	cgagaaatgg	300
ggcatcgacg	gggagcgagt	gacgcangct	tcccagcccc	atcgaagaag	atgtatggag	360
aagaagtgtg	cagcgggtac	tctcgcccca	ccgtggtcgt	caatggaggc	cggagagcca	420
tjccccgtca	gcgggagcgg	tacattgatg	aagaagaaga	gtatgccagc	gaagcaaagg	480
aaggcggngc	atacggtgac	tttgaaattg	tcgaatcacg	acgccgaaca	cggtcaccga	540
accgaggggtc	aagaagagcc	aactcgcgcc	ggccagaggt	acgcangttt	cnggtcaagg	600
tacatgcctg	ggaggacaca	cggtaacatc	ttatcgggc			639

<210> 6380

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6380

cgggagtcca	tcttagcgct	tggataagaa	acacttcaga	gacattggcc	caaggggata	60
cagaaagtaa	aggcatacta	cgagagtaca	gagttcaagc	tacggggaaa	tccgttcgaa	120
catggcgacg	acgatgaaaa	ggttcgcgtt	cgtaatgcc	tattagggct	tctggatgcg	180

ttggcaagag	aaggttgggg	tgtacaccct	gctgccgggg	gcttggggag	gatagggaat	240
tataagtcgc	ttgggcagaa	ggatagcctg	atthttcaaac	gccaggcccc	ccagcaactc	300
tcctggatgt	gtatctcctt	tgactccgac	gacctcatgc	accttatcaa	cgctcccccc	360
gagttagcct	tatccctggg	tgcagttctt	ggggacagga	ttaaaaactg	taatcaggac	420
cttgtgaccg	gcgcgtttga	ggtgaaattc	caaagcaagt	tatgggcca	gtattcggag	480
gaaggagcag	tgtgagtag	agtggccata	ctggatgtgc	ttcagtgctt	ggagggtcag	540
gggtttacgt	tgtgttcgag	tctggatata	gactatggca	acggggggcg	ggtgtataag	600
agtagtgggg	agacgtgggt	ttattatcgt	tgaggggggtg	gcaatgttta	cggtcgtatg	660
tgactgtac	tgaatat					677

<210> 6381

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6381

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cgcattaacg	atgtctatcc	tactcaacat	cagcgccggg	tggaaagcca	agaagttctc	120
ggagatggcc	gattttgcga	agatagagct	gtatagggct	ttgactgtgc	gcggaattag	180
agcttttcac	cagggtccctg	ccctgaatgt	cggtcttttcg	tcttattact	atgaaatgcc	240
ggcggcgctt	ttgctttact	ggactactag	tacgaatatt	gccacgatgc	aaactgtttt	300
cttgataaaa	tgcattgttc	ggaaggaacc	gctgaagccc	tggaaagcga	tgcatatcgg	360
gtacactgca	aacaaagaat	gtgctccaga	ggaatcgatt	tacaaagcta	ccatgaagga	420
cgcaaagggc	ttcaagggac	tccattaggg	tgatgactgg	ataattaagt	gctagatgca	480
ccctcttacc	aatcgggcga	tgatagccga	ggcccagaaa	taattntgct	ccgccagcac	540
tcacatgcta	catgggggttc	agacctactc	ttcatgatgt	tcgaagaggc	atcggtgaaa	600
gtcacacgag	tcagacacag	gagcgggtcat	gtncgcacat	cgaagccccg	gtcgagtcaa	660
tacacctgtg	cacaggatga	tacacttagc	cctan			695

<210> 6382

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6382

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tacgtcgcta	cctgttccgc	aagcaccttg	gtcttctacc	gccacaggac	tacgagcgcc	120
ccgatgctaa	tttcgagccg	gtcgggtgtg	ctaaccgagtt	caactttgac	gctcctgaga	180
gcccgtttgt	ggccgaccca	ttggcggata	ctcttcataa	cctgtggaac	agccggggcg	240
aaacgaacac	tgaggtatct	cgcaagggtg	tccactcagt	cccagatgac	tgcgtacgca	300
actgggtccac	gtataaggaa	ttctatggct	aactcttcga	caaggcggac	aagcaagcgt	360
acggcggaaga	aaaggattcg	ccacccctccc	gttatcggtg	tggacacggt	gtgcgcgatg	420
aactcccggg	cgggtcctgag	ggcgttcgac	aggtcaagga	gctgctcant	aaggtcaagg	480
gcacgctggt	ggagatgcca	ttgatgttct	tgattgaaga	gqacgttgcg	aagtcgggat	540
tggcattqaa	cgatattacg	gagccgatta	cacatgatct	tagctaattg	cgctgtnttg	600
gtagtttgcc	tggattcttg	cccttgagtt	ttaaactaaat	qqaattaaaa	tttttttttt	660
tggg						664

<210> 6383

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 6383

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ctgatgggtc	aggcttgccc	gttatcttcc	agcgtgatct	cctcgcagaa	ggtccatgga	120
acggggatcg	cgaaaccgat	gattacttca	acaacagcta	ctgcgtaacc	cttggatcgg	180
gtgagacagt	atacggaggg	ctggagcaag	tcgccttctc	ggggaagcgg	gcaactttcg	240
acttcgccga	atccatggcc	ggcattctcg	gcatagaacc	acagttcatt	ggtgatttcg	300
aggtgtgcga	tcaagaactg	gagctcttcc	aaaaaacact	ttagaagata	gtaacatggg	360
gggtgtccta	atcaagtccc	tcaactgaat	ggattcagtt	aacccgcctg	tgcagatgac	420
acactatata	tctaaactca	tgaccgccgg	cttatcggac	tatcgccatc	cctaaagcac	480
tctttcgtgt	gctgtggggg	ccgggtcccg	gcgtaccccg	ggttatcgat	acgcaacatt	540
tgctggatga	taagcggggg	aatatctaga	tggtgtaata	ttttaccacc	cccactacta	600
atggagtaat	gggggtatttt	tttttttccc	gccaaaaaac	gcga		644

<210> 6384

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (654)

<223> n = A,T,C or G

<400> 6384

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acattggact	ctcggaccgg	tcagaatggc	tcgtttcagt	ttcctgtcat	tggctttgct	120
ctctgtccaa	gccttgatcg	gtggcagttc	cgcggcagat	gctgctgaaa	aggcagaaga	180
gaccgtggct	cccaagctcg	ctctgacggc	gcaggctact	ttccctgctt	ccgagatctt	240
cggtgtcaag	attgttaacg	gttaccacaac	ccaggcgctt	gtcgtcttca	ccaatgatga	300
gcctgcccc	gtgaagggtga	acttcacatcg	tggcaccttg	tccaccctag	atgaggagaa	360
cagcgtgac	gtgcggaact	tgactgcaac	tggatacagt	gtggaaattc	ccgctggcga	420
gacggagacc	ctgagctacc	agattaccac	cgagatgcac	ccccaggacc	tcagacttag	480
ccttgcttcc	ataatctccg	acaatgaggg	cagattctac	acagtctacg	cctacaatgg	540
caccgtcagt	gttgtggagc	ccgaaactag	cttcttcgac	cccagattct	tttctgtgat	600
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<210> 6385

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (689)

<223> n = A,T,C or G

<400> 6385

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tgacaagacg	acctgcaagg	ccgacgaacc	agcgttcgaa	aagaccacag	aggaaaaggg	120
ctctgaggag	aagacaacag	aggagaaacc	tgccggagag	aaaacagagg	aaaagactgc	180
agaagcttct	gcgtaagtct	cggtcaaaac	tcgtgtttta	tctcaaattc	tttctgctct	240
gggtgccttg	gttctcgttg	ctgtctcaca	tgcgtgctt	ttaccatggg	cttgggtttt	300
ttagcgcctc	gctagtggtt	ccatctcctt	tctcttactc	ccagttcttc	attttggaaa	360
tgagccttga	acctgtgaat	ttcaagaata	ttcataataa	gcttgatgac	ttccctttct	420
tcgcttcttt	tctatacctc	ctacccctcc	tttnggacct	ctctcacatc	gcccctgtac	480
atctaaccct	ttcaatggac	acccgacccg	gtgtcaccca	ctaaaacctt	gaattaaaaa	540
ctagcgacgg	aaccaaacc	catggatatt	ttgaccgaaa	agccctggac	agagaacaat	600

ccttcataaa	gaggtecgag	cttgatttga	ccaattggga	tttcggataa	caaaagctca	660
acatgaggtt	ggaggtatcc	ccccggcct				689

<210> 6386

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6386

ggacactacg	ggtggtaacc	ctcctcttga	ttcgccctcaa	tctggtcgca	gcgacgacct	60
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agggcgagaa	ctccatgtgc	tgtaaactca	acgatacaat	gccagacacg	tgtcacagca	180
cgggtctctg	ctattcaagt	cagacgggat	attggaggga	cttttgtacc	gataagaact	240
gggattctcc	gaattgcttg	aagaagactt	tttgtgatga	tgcggcagga	ggaaaatcaa	300
actggacgac	gagagtcaca	tcattgcggag	atggatcatg	gtgttgtggc	gataccaaca	360
actgctgcac	gaacggcgga	gggttcaccc	tcgattcacc	cctagtcgca	attggtaaca	420
atgcgactgt	taccaccacc	gtaacagcaa	caccgaaaag	tagcaacaag	ggatcctcag	480
attcatccac	caagytcccg	attggagtcg	gggtcccaat	gccattggcg	tgtctggcat	540
gcggaatgtt	aagaagtggg	tttctctggg	gcaaaaagaag	tgcaaggcaa	gcgctgtccc	600
aaccacgaat	ttcaaagggg	cagttcaggg	tcccgcgata	ccattggaaa	accccgacgg	660
caaaacttgg	gccaccaacc	agaaaaat				687

<210> 6387

<211> 734

<212> DNA

<213> *Aspergillus oryzae*

<400> 6387

cgaggctccc	atgatcttga	acaacaacta	caacaacccc	attttctactc	tcagatcgctc	60
gtctgacctt	gctattttac	tttggctaata	tttctcccgga	gttagcttttc	tctcagtttac	120
ttaccagtaa	tgtatgaatc	ctaccgcccc	catccactcc	tggcgcaagt	cccttttgacc	180
gtctctcctt	tcatacaact	cccttctctca	gtcacccttc	cctacacctt	caaatcactt	240
ccttccacac	tcccggcatc	cgtaacagtc	gaccccaaca	accccgacac	taagccccgc	300
tatgtggtct	ccgcgagcgg	tgagcacgcc	gcattccgccc	aagaaatcct	agcatcgctgc	360
aagtctcttg	aggaactgct	caataaaaaac	cgcaccgatg	cggagaaggc	cattcagaat	420
tgggaggagt	ccattgtgca	gcgcgatctc	gcagagaaga	gacgggttgc	gcccgggtgg	480
ttggaccgcg	aagagaagct	actacaaccg	agtagatcta	tggcaggtcc	cagaccgtca	540
gggcaaccag	aacacagctt	gctagatagc	ttgtcttcgg	atccagatgc	gtcgaaacta	600
ccatcgatga	agccgcgcga	cgaggggtgag	gagctggata	gagtgttcgg	tgggctaaac	660
gtaaaatgag	tgggtctcgat	caactgagcg	tcaggtacaa	tcattccccct	cgacgtggca	720
gcgtcattta	gctt					734

<210> 6388

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 6388

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tctccatttg	aatcttttca	tcaccattca	aatagatcgt	gtctgtcaca	ggcacacata	120
agtgcacaga	tgtgcgagaa	gcccattctt	gtcgtacttc	acccccgcgc	atgctcaaca	180
gcatttgaac	gagtccttcat	gactcgtcgg	gataccatcc	agtgtatcca	tgagccattt	240
ggcgaatgct	tctactatgg	cccnaaaaag	actgggtaca	aggtttattg	gacgacgaaa	300
aaggccccgc	tagagaacgg	gttttagtcca	gccaaactacc	aaaaggggat	tggttaaatt	360
aaacgtggaa	cctttttaagg	ccagaaaaagt	tttattaaag	gacctattca	atattttctt	420

tcttccaacc	ggaaggetgg	ccacaattgg	ccattcotta	ctaaaatgga	accgtggtgg	480
ctggacccaa	agccaccggc	ctgccttcca	ccgtggtaaa	agcaaccggc	ctgtgcaaat	540
taggcaaagg	ccccaccac	acgccataa	cccggttccc	acagaccag	acccgggatt	600
ccctgtgtgg	tgcccaggaa	atTTTTtcca	agttactttt	tggttttctt	atccgaaaac	660
cccatttaag	tgcccc					676

<210> 6389
 <211> 725
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

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cagggtttga	agtatcacgg	gttcgctctc	ttcgtcttct	tctgttgect	ttacagtgtc	180
aaatctaaaa	cgcgcgccac	atcgagatct	gttttacttt	cattaacttc	ccctactccg	240
agtctcatag	cgccccaatc	tcttttgcca	gcctcagaat	ctgatcaatg	agaggattga	300
catcggcact	ttttaccggc	acccgatgtg	cgccatccca	ctccagaacc	cgaacgctgt	360
cgatgctaca	gtagtgcgtc	agaagctccc	ggtgaaagta	aagacctgga	tctgccaacc	420
catggacatg	tatggtgggt	aatttgagga	cgtgttcttc	ttccatgaag	gcggctacgt	480
tcgggagccc	tgacacatta	atttgtgaca	cggtggttca	caatcgaaaa	cttgaaaact	540
tcgggatcaa	ggttactatc	ggcctgggtc	gcccatacca	cggngaactc	ccagtcggac	600
cagttggcgc	cgtctagttt	ctcgctggac	ttgttgcgga	ctatagctcg	cgcagcttgc	660
gcttgctgaa	cccacatcca	ccatgactgt	gcactgacga	cgtcttgat	gcagcttgac	720
gatgg						725

<210> 6390
 <211> 719
 <212> DNA
 <213> Aspergillus oryzae

<220>
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 <222> (1)...(719)
 <223> n = A,T,C or G

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gcgtctccca	acccgctgcc	tcggttcgag	gccgacatct	cttctctaca	agcaacaacc	180
aagcctcctt	gcgacccaat	atatgaacag	atcctccatc	cgcagctacg	ctagcaaacc	240
ctcgggaccc	acgaaggctc	agacccaac	cgcaacgcaa	gccccctccg	actttgacga	300
gaccttttcc	aaactaaaca	tcaacaaccg	cgaatccgcc	gccgaaggct	cactgcggaa	360
ccgtccttct	gaagaccccc	tctcgctctc	ccgcgcggtc	ggcatgtctg	cagaaacaga	420
ttttaccgg	actcctgtgc	ggcgggtgga	gctgaagtgg	ggacctaactc	ttgggtcgta	480
ggtgcatggt	gagccggaga	agggcacaga	tttgccctct	gcgctgagga	tattgcaggc	540
gacatgcacg	gcgaataaag	ttcggtacca	agccaatggt	cagagttcca	catcagaacg	600
ggacaagtga	ngaagaactt	gangatggag	agtggaggga	gctgggtcaag	ttctcgttcc	660
agaagaactg	taagtccgat	cgagaagatg	agaactcagg	gattgtaaat	gtgggttggg	719

<210> 6391
 <211> 672
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 6391
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 accccattgc cctcgggcag gtccgaggca aagaccacgt ctgaagaaca ccagcaggag 180
 caggtagacg agagtaacga agcaagcaag gaagattttg aagaattaag tgccaatgat 240
 gggacaactg aattcgatga tgacattgat accgacgagc tgttcagttt ccgaggccga 300
 gaccagcatg ccgaggacgg tgagcttgaa gggctggagc gccagattga gaatggagta 360
 tttttaggcc gccggatgat tatcatcatc cttcgagcat tcggtgcctg ctgcggacct 420
 aaggaagtca tggaggtctg gctgcatac gaacgacttt ggcaaccaaa aaggcgcaaa 480
 gcgctngacg tcatggccgt gaaagaagag ctggagaagc agataaaca aggcagtagg 540
 agacactgaa gtctgaactg aagaaatcag tgcattgaca ttataaacct gttatatata 600
 cccctcaagt gcataccatt tgatgacagc tttttganaa aanannnnnn nnnnnnnnnn 660
 nnnnnnnnan aa 672

<210> 6392
 <211> 674
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 6392
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 ccgcgcgcag tccctttgctc tcaatctcgt tgagaatccg ctgacgcgca gctctccaga 180
 gcaggctggt ctcgatgcc gagctttcgc cgagtcgcac cagatggcgg agcacgcaga 240
 tctgtttggt cgcgcgcctc tggtcgcgcg ggacccccaa cgcttcgaga tgattactga 300
 gctctctgag gatgagcgcg ccgcccctcat atatgagcgc gatcacaat ggcacggccc 360
 cttcatgctc tggtaactga tcgctttgtg cgccgtcgga gccgctacc aggatggga 420
 tcagacggga tcgaacggtg ccaacctgtc cttccgcag gaatttgcc tggttggaac 480
 agcgagagct gaatggatcg tgggagttat caatgcgac atctttttga ctgctggtct 540
 tattggtgcc tttatcgctg atccactgan aactactta ggccgacgaa gagagatttt 600
 tgtaacggct tgctgtctca cggncacccc aattggctcg gccttttgca natcatggca 660
 gggacttttc gccg 674

<210> 6393
 <211> 723
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 6393
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 cgcatacgac aaaatgatgg atgacatgat cttaaaacag gtccgagagca ttagtttcga 180
 agatccgagt gacagcgacc agaatgagcc ttgtgtggat gaagcaccgc cgcgtcgcta 240
 tgaaacgcgt cgtaccgcgc ccatgagctc ccgggagaag cataccagca acatcccaac 300
 cgttcgtgct cgtgatgcag ccgctgctct ttctggcacc gaacgcacac tccgacctag 360

gcctgtctca	attccaaagc	ccaagccgag	agttgcgtcg	tccttatttt	cgtcgagaaa	420
gcccaggacg	ccaactaacc	catcatctat	gcatcatgcc	gcggccgtgg	ttaactctaa	480
aacaacagtc	gggtatacca	agggccggga	cgtgtcgtgc	aagctacatg	gcaaacctgc	540
caacactacg	aaaggactaa	catttcccan	ggattttctt	tgcgacacta	cggcgacttt	600
ccgaccctct	tttgaaccga	tcgggctntg	ccatgagcgg	atactaacgc	ncatttgaga	660
atgctcctgg	gttaagaaat	gagggagcta	attccagtga	ccttggacga	gggtatgagc	720
cgg						723

<210> 6394

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6394

ctcaccggtc	acaacgcaca	gcccggacag	cccacgttcc	cacgaggtta	ttgatagtag	60
ccatctatct	ttggttactg	tcggctcggt	ttcttgcccc	gggtccagat	tcagcgcctt	120
cagtggtgga	ccgttcagtt	accgaaatca	aaagcacggc	ctcctgggct	aattagtttt	180
cttaatecga	ttatcatcat	gtcagcgttc	cagaaatgga	cggtcactga	gccgtacatc	240
gatatcgcat	ggaccttggt	ggagggaccg	ttctatgatg	agcccagaaa	tgagttccgc	300
tttgttgata	tctgggagca	gaagttctat	gtggtggact	tagccaaagg	cccagactca	360
ttgaagacta	ttgatacgtc	tgtttccatc	ggggtaactg	ccaacatcaa	agattctggc	420
gatgcctaca	acggccagat	aattgtagcc	gcaaaacatg	gatatgctct	tctcgnacgc	480
gccacgggtc	agctctcgta	tatctctaag	gtttttgggat	gacagaagga	nccagagaga	540
gcccgcatac	gcgtttcaac	gacggggcag	tcgacaggca	tgggcgattc	tgggcggggt	600
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<210> 6395

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 6395

ctcacaaate	cctttttccga	ttttgccttc	tttgcgcgt	tctacttggt	ctacaatttt	60
cctttctttg	ccggccatgt	cctccacggg	atcggccact	ccggtcgatc	ccacaaaggg	120
tatgcgtaaa	aacggaaaaa	actggcacga	taacaaaaag	ccgttcctgc	ctaacgctgg	180
tctgacctcg	tacgaaaagc	gactggaggc	tcgcaagcac	ccagaaaagc	gttaagacac	240
gaaagagacc	tcaaggagaa	gagggaggcc	aaccggaagg	gcattatcag	aaattaaagg	300
accttagget	caaaagaaga	aaaaggaccc	ctccaaaaaa	atggcggaag	aaaacctatc	360
aaacctttga	accaatggac	ccttaaggaa	accgcacaaa	atggttaact	ctgaattgtg	420
ggggggaaaa	attcttctctg	ggctctcttt	tccctttctt	ttgggtttcc	cttttaccct	480
cctataaacc	actataaatt	tattttgcgc	ccattttata	tattctcacc	gcattttttt	540
ttattttccg	ggtgtattgg	gggggaaaaag	ccctttttcc	tttttatctc	ccccgcttta	600
taaattgctc	ttgggggaat	aaaaaacaag	agtgtcaaaa	gagagatttg	ggggaaaaaa	660
aaaaaggagg	gtgggggata	taag				684

<210> 6396

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 6396

ggagttttcg	gcaccaacgg	aagttttctc	cttctccgcc	atgccagacc	cagcatcgat	60
gcaacagtc	tctttcctag	acatgagcgg	ctcccaaata	gatccagtca	cgtgggataa	120
cagtgcctcc	aacatgacca	ccatggctca	accaatgtcc	gataactggc	ccttcgatat	180
gatgtctatg	aacaatagca	tcccatcggc	agatgttgag	gcttcggggg	atgcaagtgc	240

accgtcgtcg	ggctatltga	ctggaccatc	cactcccgac	tttcttccca	ttcagcatcc	300
agacagtacc	tctaagtcac	tccacgaatc	gacctccgat	gagccagctg	gggatgaact	360
tgttggaaatg	ggtctttaca	atcaccctga	ccctttctctg	gatacctcat	tccatgaggt	420
gtctggcaag	ggtctcaagc	tggaggagac	tttcacaccc	tcgtcggacg	atgaagcaga	480
tgacagcaaa	gatgccgaga	gcgaagacga	caaccaagag	actacggaac	aagccagcgc	540
cttcagctct	gtcctctgtc	agaaacagcc	ggccaaccca	ccgaccaaca	tgatgcacaa	600
gtcattcttc	tttgacgatg	acgacattcg	acagcagacc	atgtctgcac	cccagcagct	660
ctttaaactt	aggagtcaac	ctttgcat				688

<210> 6397

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6397

ctcttctgtg	ttttttgttt	cttttttctga	gccagcgtta	gcgtttctgc	tctccttgat	60
tcttttcggtt	ttttctctct	gcctgaagaa	gcggcggttc	ggctatctgt	tttgttttgt	120
ttatgagaat	atcccattgt	tcagatcccg	ttttatatgt	catgaaagac	ctggtttagcc	180
tcgcggcttg	ggatatgatt	tggatgagaa	acgctcgttc	tgtttccttt	cgtcgccgca	240
tccgtccagg	atagcttgat	cgatggtgtt	atggctgggc	ctagaccctt	ccttctctgt	300
cctggacata	ctctttcttg	tacaggctac	cggactggtc	atctgctagg	tcagattgaa	360
gaggtattga	ttgcggcgct	gcgggtcgtg	ttatcttgac	gctcgcagtt	atttctggca	420
acacagacca	tggtggcgac	gatagaacac	tggaggctgg	attactcgtg	ggctcgggaa	480
ggctgtccgt	gacaggcgcc	cgggtgtagct	gagaaccgtc	gggtctgtga	ccttgatggg	540
actcggctct	ccgagtgaac	caaattccct	ttgcctgttg	gcgcgatgtg	gactgtgttc	600
gtctataggg	tcctctctca	tcttccaggc	tgggttctga	atacctggat	aagctcgt	658

<210> 6398

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (682)

<223> n = A,T,C or G

<400> 6398

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agactcgcag	cccgaaacac	atgtgaatgg	cagtcagtcg	caaccgaaaa	cacaaccacc	180
cgtgcctctt	ttcgatgaat	ccacaaagcc	gtcatctcat	ccgccagtta	atctccattc	240
gatactgaac	gatgaggacc	actcaccaaa	gctaatcgtg	gactctgagt	atgtccagaa	300
tctgcacgag	cagctcacc	agcggaccag	tggctgctcg	gtggagcagc	ttgagcagat	360
caacactagc	ctaattggact	acctgtggcg	cacgcgtggt	gaatggaacc	gcagcaaagt	420
ggccgctgga	attcgggact	cattcaatga	gatcctcgaa	gacatgcagg	cgatgcagga	480
aattggctct	atcagtcaaa	ggacgaagga	acagttgggt	tcctcattcg	aacacctgta	540
actatgctgc	agccctcgtc	aagagaaccc	ttaattctct	ctttttccnt	tgccctncacc	600
ccctcattct	tcttcttctc	ccctctntct	ttntttcgtt	cctttctttc	ctacccaata	660
ttttctcttc	gcttggataa	ag				682

<210> 6399

<211> 700

<212> DNA

<213> *Aspergillus oryzae*

<400> 6399

aaaaccatgt	atctccgcgc	agttcacgca	gaaacatcga	tcaaggctct	cttcgagttg	60
atccaaaaga	accctcttgg	tgtactcact	accgtatccc	cttcgactac	tcaacatttc	120
atcacgtcta	gtcatatccc	atgggtacta	gacattatct	ccgatgaccc	cgatgcgcc	180

gtgaaagggtc	gtctgcgcgg	ccatatggcc	cgccaaaacc	ctcacagcaa	gacattcatt	240
gaagccctga	atgctgcggg	cctaccatct	gcttcgccat	tgcagcaaga	agttcaagtt	300
ctcttcacgg	ccaatccgca	ccactatgtg	actcctaagt	tctacactga	gactaagcca	360
gccacggcaa	aagtgggtccc	cacctggaac	tacgctgctg	tccaggttca	tggttaaggcc	420
acgatctacc	acgatagctc	ctctcctgag	agcgcgagat	atctccagaa	gcagattcaa	480
gatctctctg	agctttgtga	aacgtctgtc	atgggctaca	ccggagaggg	aaggccggcc	540
gaattttggg	aagggaactgg	agccgcgcgaa	cgggcttttg	tacctattaa	acaaaccatc	600
tgtcgtcctg	agaacctcca	tctgctactg	cgaggccgat	ctcatataac	gcacttcctt	660
tcactcaaac	tcatgactac	atctgtttctc	gtcaccctcg			700

<210> 6400

<211> 1154

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1154)

<223> n = A,T,C or G

<400> 6400

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ctggacgcac	acgcattggc	caaattaagg	ctatcgtcgc	cggtgcagga	actggtggaa	180
caatcactgg	actgtctcgg	ggcctgaaga	agcataaccc	cgctatcaag	gttattgcgg	240
ctgatcccca	tgggtccatc	ttagctttgc	cgcccttact	aatgaagat	catgtaaacg	300
aaccatacaa	ggtcgaagga	attggatatg	atttcattcc	ccaagtgcct	gaccagcagg	360
ccgtggacca	gtggtacaaa	actggagata	aggattcatt	ccagtacgct	cggcgggtta	420
ttgctgaaga	tggcctcctt	gtangaggaa	gcagtgggag	cgccatctcg	gctctggcgc	480
aagcggcaaa	ggactacaac	ttcggaagg	atgatgtggt	tgttgctcatt	ttgcctgata	540
gcattcagaag	ctatttaact	aagtttgctg	acgatgactg	gcttgctgct	aatggacttt	600
tgacatcgcc	tccggtcgaa	actgcggacc	tgcctcaac	actgcagcca	cacgaacaaa	660
aggatgcctt	cgctggatca	agggtcaggt	cgctgaggtt	gaagcctatt	acaaccgtcc	720
agtccaatac	cccttgtaga	actgccatcg	aatgatgctg	agaccgcgga	ttcgaccaac	780
taccagtgtt	tgcaccttct	ggcaagaagc	tcgtaggact	agtgactcta	gggaatgttc	840
taagtgcact	cacccacgga	cgtgctactg	ggaagagccc	tgtgtcagat	gttatgttca	900
acttcagtaa	aatctccgag	gtggtcactg	acccaagaga	tatgggattg	accagtcgca	960
cgctaggaaa	agcgataaac	tcggagtcct	ggattaaaga	cggaaatnt	gtggagaata	1020
ctattggacac	gcctctcggc	gtattgaatc	gcttcttcga	atggaacagt	gctgcggctg	1080
ttactgagag	ggatgaanca	ggagtgatga	gaccaggtgc	agtntgcaca	naggtcgatc	1140
tacttacatg	gatg					1154

<210> 6401

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<400> 6401

gtgcgcgcct	gtcacagaga	tgaagggtta	ttcgaagatc	atcgcatcac	accacgaccc	60
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atacggcgac	atcatcaagc	ttgtcgggtg	tgcaagaagt	ctagatgata	acaacggcgt	180
caggaaatct	aagagctggg	cagaggaagc	acacgagact	ccattaatcg	ctatcaacat	240
gggcgacaa	ggacaactca	gtcgtatcct	aatgggttct	atgacccag	tgtctcacc	300
tagcctacct	ttcaaaagctg	ctcctgggtca	actctctgcg	accgaaatcc	gcaagggttt	360
gtccttgatg	ggagagataa	agcaaaaagaa	gtttgcagtg	tttggcacc	ccgtctcagg	420
ctctcgtctc	ccggtcctcc	ataacaccc	cttctctcag	gggggctctc	ctcatgaqta	480
ttgtcgtttg	gagacggcga	acgttgaaga	cgtaacggac	ttcattcggt	cccttgattt	540
ttggggcgct	tctgtaacaa	tccctttgaa	gttggacatc	atgcccttac	tagaccacat	600
cacaccagaa	gcccgaatca	ttggcgccgt	gaacactatc	atccctgtcg	ctgatggaga	660
ca						662

<210> 6402
 <211> 682
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 6402
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 accagactcg tgagcagatc ttaccgaaa agtcccagaa cggctctctc agcaccacca 180
 aactcgcgtg ctttgccctaa gcttcggggg caacccccatg actatcagtc qacqgaatag 240
 acacccgagag gtgggggtgag cgtaatctga gatttttaga cctcrggaag ctgctgcgca 300
 tcaaaaagtcc ctttcgatat atttctaacc ttgtggcggg tccacgaatg agcacgggtac 360
 cgctcgaggc ccagattgac acggctcctct tgctaccctg caatagaagg ataaatagaa 420
 tcttattgtc cgggggttgg agtcttaggc tcggggagga agaaaaagag tgaaagcgctc 480
 attttctagc actggctaca agtcaagact tgatgcacgg tctttcaatc agcgtgcatt 540
 gtgcagccaa tgttatgtca ctctcttgtt catcgacggg catggaatgt cgctgagcac 600
 tgactttggg tgctttcttt gattcacgcc tctcaaaaag acctcacttt gggaggggct 660
 ntcgtntct ctccacttg tc 682

<210> 6403
 <211> 671
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 6403
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 gacttggaac ccaactctag aaggaaacgtg ttggctcgac ttttctaaag tgggttacac 120
 ggttggttgt gagtgtctga tgatcttgga ttcattgaatg aaaaagtctg actttttcca 180
 gcgtgggtctg tcggggcgca cttctccttc gcgattcttc catggttcat catctgggat 240
 ctcaacatga agcaaaaagga gaagatcacc gttgcctgcg gtctcagcct tggaatcttt 300
 gctggagtat gtggcatcgt tcgcactgta gccctgtccg gcctgaatgc atctgagtac 360
 atctatgata ccgtgccaat gctcatctgg tccgcaaccg aaagttgcgt gacgatcatg 420
 tgctcgtcca ttcgccctct ccgtcctctc tacgttcgcg ttaggtacgg cacgaaggat 480
 gaaggcagct ctggcaacac ttcctacaaa ctgccattgt acgggagcgg tcgcaagtac 540
 ggcagacttt cgaaatccgg acttgaccct ttctgtctcg aaacgatcgg cggatccctt 600
 tcggcacctg ctggagatta tcacanaagc aatatcaggc acgagcatat ncttctcggc 660
 gctgcaggca t 671

<210> 6404
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 6404

ccctgcatac	cgagcaatag	cagagtatga	tagagcaatg	acccctccca	aatccgcaat	60
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tgatgtctta	atcctcgaa	aagatccgtc	cccaacgcga	gcaagccatg	aatctggcgt	180
ctccattgga	ccgagcgtgc	tgcctcttct	caagaaatac	gacgccacag	gcacaccacc	240
cgctattcca	gcagggtttc	tcagtgttgc	gtggcaaacg	cgcccgcgtg	tgctgaacac	300
agcctggcac	catgatatga	gtaattgggg	cagtctctac	ttgatcctca	gggcgaatgt	360
tgatgggttc	gcttcggatg	tcgtaccgta	tccgccccca	gggaggaagg	gggatgggac	420
ggcggagtac	aaagccggaa	ggagggtagt	gggggtggag	tttgatcggn	gagacggngc	480
tatgaatgtt	ttacatgtgg	aagctgaagc	gagcangggc	tcaaggcang	ggatggaggt	540
caagaaagag	cgtgctgaaa	tggtgattgc	cgcggaacggc	gtgcattcga	caatccgacg	600
attcctacag	gtccctacga	catggactt				629

<210> 6405

<211> 811

<212> DNA

<213> *Aspergillus oryzae*

<400> 6405

gttttcttta	gtctcccttt	ctgttctatt	ttcgtcttct	agtggttcgt	ttggctgggtc	60
cagacgagtg	ctattttttg	agtcttccta	tttttggatc	ttgcattacg	tcaaataata	120
gtatcatttt	acacgccccg	cgtctaagaa	gcccttcggt	gaccgaagtg	aatcactggc	180
gcctttaata	tcctttccca	ttactttaaa	tctccttcgc	tcccccaaaa	gctgtgtcca	240
gcctccacct	ccacaatgat	ccccactgcc	cgtgctgccg	caagacccaa	gttgagcctg	300
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cagtcgacag	cggtcgcagc	tggcaccggt	aacaaaacgaa	tccagtttaa	atgcacaccg	540
accgtccact	gogtgacgcc	tattgagaat	cctgaggagt	actacggtac	gcacaccaag	600
atgtcgcgtg	aagagcggcg	ttggatgggtg	cgcgaaatgaa	ggatcgccga	gaaaactcgg	660
agagaaaacc	tacgcagacg	gaacgagagg	actcctcaga	gttcagggtc	tcgtcatccg	720
ttgagagcct	atttcccgcg	accgtgcccg	gcctaatcc	tggatecgaca	atgcaacttg	780
cagcacagat	gccagaagaa	gcctgtgagg	a			811

<210> 6406

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 6406

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aggatactat	ctccacattc	tctttcagct	ccattgaacg	atcaattggt	ccgttttcac	120
gaaccaccaa	acaaaaggca	tcatggccgc	cgctcgagat	gcgcgaaac	cccaaatcga	180
cogtcagtct	acaacacct	tccatctgaa	gcttttctac	cgcatagaaca	acttccacca	240
ctgtgcagac	tttgcctccc	agtcgtcgcc	tgcatcatac	gggggtcctg	tcagcggccc	300
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caactggcag	tctgtctcac	tgccgcagtt	gtcacagctc	ctcacatccg	ccttggcgtc	420
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anagaccgca	gcacaaatgg	gacccgaggg	gcgaggccga	taccttagca	aggacatang	540
cagtgtgggtg	attggggccaa	aggacagccc	gtaccgcgat	gagaacgacg	aagaaacagt	600
qctcctacgg	gacnctgaa	ccgacctcta	cggg			634

<210> 6407

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 6407
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 aggatgcgag tgagaattca acgcgcgagc acgaaaggcg gcgcatgcaa gatgctctgg 120
 gagacgagga tgtgattcga gactttatatt acgatctgaa acgtaacagt cgaaccgcat 180
 atgttcggaa ggaagaggca tcgcgagcca tgcacgagga gcatgagcga tcccgatacg 240
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 ctggnctctac ccacgaggat cgtgttgccg ctgcaaggga acgtgcgcag aagcgcacgc 360
 ctgaacgaat ggcagctgct ggccctcaagc ctccacaanta caccgcgtaa acccttctca 420
 gcgtcaggaa gcgcgagaaaa agaacgcgag gcccggtgaa agcaagcgga gaagaagatc 480
 caqgcgcgag caagaaaagca qcqtcgactg gccgaagaac aggtggntca atggcgcacc 540
 ctgctaaacc agcgtctaga aaccctcacc ggttcaactt cgagacgggg cggactgaca 600
 agcccgagca gccgaagcta aaaggcaann cgagatcacc atagtnnaca agccgcccag 660
 agcaacc 667

<210> 6408
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(683)
 <223> n = A,T,C or G

<400> 6408
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 agcgccagca agctctggct gaagagctcg ctccagaagcg cgctgaggaa gaagccaagc 120
 gcgcggctga agagcaggcc aagaaggccg cggccgctgc tatgaacttt gaagagagaa 180
 atgagacgat gcctgatgct cctgctcagg aggaagcccc cgctggcgac aagcagtaaa 240
 cgcctcgctc ctgttgcatc ggtcattcct ctcatcctta atatcctata ttatcattga 300
 acacagctct cgcatttgca gactgatgcc aatacctatg aaccaaattc aatgatgttg 360
 tgcgcgaggt tgcttttttc tatcattacg atgccccact tggntttctt tctttcttct 420
 tttcgattgt cgacatgacc tggcaaaatt catgtagaac gagatttctt ttggttctcg 480
 tgtgtcgccg atggcgtttc tgtttcccc tggttgccct gcgaggatgc tggcgaagtc 540
 gtgcaccact gctgaatctc ggcaccgttg tcggcgcac ccttncatt cgctggcgac 600
 cggacctaca taaggcgca tcatggcacg cgagacggta ccgaacatag atatgacatg 660
 tgtggataga ctttgggctg cgc 683

<210> 6409
 <211> 692
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6409
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 cttattttgat ttaagaaggc ggcgcgaacc attttatctt gtctttctcg ctacgtcact 120
 gagtgaata ctctgcgcaa attaaccagt tcaacgtatt tcgaaataac cacacctttc 180
 aaacccccag tcaaccactc aaccacccaa aaccgagaac agaaagaaaag aaagaaacaa 240
 acagaatgtc ccgcggcagc ctgctcccc tcatcgctct cgtggctcct gtcaccatcc 300
 tgcgcgtaac cggctacatc acttattcga tcttgcaaga aqtaaccggg aacacgaagt 360
 ccaagatgga gaagaagaat gtcttatgga caaaggacgg catgaaggtc ggggtgaagg 420
 agataaataa tgaggattat caggatcgga ctgagagtgt tctcgtgaat atgtggaatc 480
 atacttcgtt tccggcttat aagagtcggt tgtggaatat gacgcagccg gcggctgagg 540
 tgcagcaggc tgagaagagg aagggtaaaag tgattgattt ccttaccttt ttctgtgggg 600

ggtgggggttc gcatactttc tgggggtgtgg tggottaatt atacctctct tggtaattta 660
tctcggttcat gctttctggt gggaaacctg gg 692

<210> 6410
<211> 695
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(695)
<223> n = A,T,C or G

<400> 6410
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cgccccccaga gtccaaaacgg ttgatagtt ttaaccttgc attttcagcc natbaactgt 180
cacagaatcc ctcatcacgc catgacatga aacltccctcc catctccgtt gaccggaagc 240
gaacacaatc ggagatggac ttgccgtcgc cacctgtcac tccctacaca ggcaacaaaa 300
aaaggaagtc aaatgcacga aagcaggctc agggagatgc ggtagttggc tcttcaaggg 360
atcctgtcct tttccctcgc cagcattcgc tcacagaggt tgccactgat gaggcgttgt 420
tcgggtcctat gcttccgaca gagacggaag cattggttga gcaacacatt aattcccaca 480
tggcaagatt tgaaaataaa ttaaataaac cgacacgcga tgaatatctt ctagctcttt 540
cgtgtgtgcc aatcgtttca gctcaatata atcgcaaccc aagagcatgg ggctaaagag 600
gagcgagaaa cgctcgagcg caactaatta tgatgaatcg ctgccgtccg ccacgttgga 660
agnaaaatta agaaaatcgc cccgggcccgc taaaa 695

<210> 6411
<211> 674
<212> DNA
<213> *Aspergillus oryzae*

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 6411
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ctctcctcac tgaatcaga acgcccgtcta cttggcacgg agtggaaaca acatcagacc 180
gaagaatgaa ttgctgaagc ggccaacccc cctacttccc taccaccccg gctccagtea 240
aggtgcccac acacctgtc ggcccccttc ggacccaacg ctctatgcct cgaaacccgc 300
caatcaagaa agccgcgtag accgcttccct cgcatacaat cgacctcgcg tagcgtcaa 360
gcccgaact catcgccac gagactacac aacaactgcc gaggttgacg cataatatag 420
ccggcgcgca ggggcacgag caaagaccaa agcacgctga tgggcctaca agtcattgct 480
cgaacgtgaa atggagcgcg agcgcaagcg ccancgtcag tgggaggaga accaaaagca 540
actcaccagg ccgttgccaa cggctataag atggaattct ggtgttgggc agggacaggg 600
accttggtatg tgcaaccatac ggctataggt cggggcaacc agattcgggc cgccatggcc 660
tggattttag gccc 674

<210> 6412
<211> 664
<212> DNA
<213> *Aspergillus oryzae*

<400> 6412
ggaatgtggg cctctcacta tgaggttggc gatqcaactt ctcccaggac cccaccaggt 60
cttgggcaac acccgattca acattccggt catttttatgc caggaagcat cagtagccca 120
agccatcacc tacctcagga ctgggctgtg aacgatctaa tgcttcgtca gagtctaatt 180

caccaatccc	agctgcaaaa	ccccctgaat	ggatccagct	ctatatcctc	gtggataccc	240
tcgtcaaacc	ccacatcgca	ccaccgtctt	tctggcttgg	ggtgggacag	cagaggacca	300
ctggatgctg	caagctctcc	accacccctg	agtgcaccca	gccagaccat	tccaagtggc	360
ttggccaatg	cctcgtgggc	aaatgatgcg	ttcctcgcta	acacgctctc	ctcaggcgca	420
agttacccca	actctgggtc	cggtggcagt	cgcaagtccg	ctaccagta	cggtgccatt	480
ggtcaaacac	ctccctgcgg	acatggaggg	tgacaccgat	ctcttgatga	tctgaagtgtg	540
gggaacaagt	ctccgagagt	cttttgagac	aaaagcacac	acgccagaaa	ccggggtgta	600
agctttgggt	acttggcttc	cgaattgtga	gcgttcgaaa	gccaacggc	gaagattttg	660
cact						664

<210> 6413

<211> 1112

<212> DNA

<213> *Aspergillus oryzae*

<400> 6413

cagctagtta	tatgcatca	tcaagaaaa	gcgcgatggc	aatcgatgac	ctgctgaacc	60
cgtcaggaga	gtctgacaat	tctctcagc	tgcattacgc	ccatcaagga	tcgcagtatt	120
cacctatcta	ccccctagt	cctagtcac	actacttcta	ccaccctac	gcagagagcc	180
accatcacca	ccaccatcct	taccgggaaa	gttcgggctc	ctcgcaagac	caggcattct	240
tgccatctcg	accacggctg	acggagtctt	cgccagggtg	gtactctcgg	gaccgggtacg	300
attcgggtctc	aagcagttct	agcaacgccc	cagaacggcg	acgccccct	cgaccaaagt	360
acgaggaaga	ggaaatgtac	ttcatttggt	atcacgcgct	ggatctgtgc	caagagtggg	420
aagaagtgcg	tgagagcttt	aaccgacaat	ttcctagccg	gcaacgacgc	ggattccaag	480
gaatccaatg	caagttctac	cgattcatca	aggagaagaa	gtgtccaacg	ctgcgagagc	540
agagacgcac	gcgcgatggc	gagttcctac	gagaggggtc	cgggctagtt	gagtcggctg	600
caccacgatt	tggcgtcgtg	gaatggatgg	gagcgtggta	tccttggatg	cgagagacca	660
aagaacaagt	tctaagtcca	cgtattccac	gttgaatttc	ctcctcttct	tttcttctct	720
aaaaattctt	acctcttcca	ttcctcgact	tcctacggat	cctctctcca	ccttgaaaaa	780
tcccttctct	tacggcgctc	aagatacctc	tgaagtctct	catctacttt	attcacttat	840
tttaacctta	tggtccttta	ccgacagggc	tatcattctg	acacgttgct	gcgttctttt	900
ctctcattta	cattgtgtta	tgattctcac	tgggaggtcg	tctgatcttt	agcatgcata	960
catcacatca	tcattgtttt	tattctggat	tgggaaggaaa	tccatggaga	ctgtcatttg	1020
tactggagtg	gatgagatta	ttagtctoga	ccggattttac	tttgagaaga	caacatacta	1080
gttccttcaa	aaaaaaaaaa	aaaaaaattc	ct			1112

<210> 6414

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6414

caacagatgg	aaacggagct	atcaactgac	attcctcaaa	tcaacgaggt	catgaacatg	60
cctcgagcta	ttgaagtcag	cactgagtct	cttacaactg	atgatgtttc	tgctccttca	120
atggagccag	aacccgcgtt	accggtggac	catgtgtatt	atttcattca	aatcttcgat	180
gtggatgcac	aggccttgcg	gacgctcggg	tcatttttct	ctcagaagga	ggagactatc	240
aaggctgcaa	tacggaagca	cttgcaatgg	cccgtagcca	aggatttcca	ggtctggcag	300
cgtgtcgatg	gcactacggg	gacaactatg	tcctctgcgc	agacctttga	ggtgttcgtg	360
cccgatggca	cttgcttcat	tgtcggagac	aagctgaaca	aggacaaaacg	tttaaaactc	420
anccagcaag	ggttacttgc	caacccctgat	cgcttggctc	ggtatctgtg	ggtctaaatc	480
cagaacccac	ccacccaagc	attcaccggg	tttcagacca	tccaagcgtc	attcaccat	540
gaatttatag	cgggtgagtta	aacaagggtta	ctatcatggt	aaaggaaaac	cctttttgat	600
tcaaccgctt	actacaaggg	agatttcgtc	cttggaagac	gcattgtaaa	agaat	655

<210> 6415

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6415

ggatgctggg	agttctagac	ttgattcact	ggaagatcca	agtgggagct	caatagctcc	60
gagtacgggt	tcagggcccc	gtgatcaacc	tgaagcaatc	cctgatgctc	cttcagatgt	120
agaagctgat	caaatatgga	aacacgagtc	ctgggtccag	atcgacgggt	tctctgcgcc	180
tgtagagatt	ggccgcgtcc	cgcgcagggc	gttaggcttc	tttccgcgtc	caaggcggaa	240
gtctgtttcc	tatactgatt	ctgagattcc	ttcattctct	ggacgcgaga	gaaccccgac	300
attatcctcg	acttcatcaa	gcattgaacc	tcagtcttcg	cgcgatacac	ctatatccgg	360
aaatagacct	cacgcgcact	cgtcagggtc	acgagcatca	gccaaatcca	agcctgccgt	420
gcgccatcaa	cgccaacgca	gcaatataca	attagccggg	ccgggagttg	gcacccttga	480
tccgtgacac	aaatggctcc	tgagccgggt	ctcgacgggt	tgaataaatt	ctttgcccag	540
catctaccga	accttgcccc	cactcccact	ccaccgaaaa	ttccaagact	ccactgagta	600
tacctcaaat	gctgtgtcca	acactcccac	cggcttggtt	atataagcgg	tgcaatcgag	660
ggctgggtca	aaaagaagat					680

<210> 6416
 <211> 570
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 6416						
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cacgcctttc	acaaagacca	aattaaagaa	cccttcatca	tgagcactct	cgacaagatc	120
cactccgaca	acaaccttaa	gcagggtttc	catcctagcg	ctggtaactc	ccagccgctc	180
acagacaagg	gccatcaacc	cgccgcgaag	gtctctccta	aagactatgc	ccctgagttc	240
cacgcagaga	catatctctc	tggaaacggc	cccgcctagc	actctttaca	ctcccaacac	300
cgggtcggag	gtgggaagcc	aggctcagaa	tcccaatggt	gagcgatctc	acggaaaagga	360
gctgttaaga	acgaacgcgg	accagagtct	gcagggagct	acctcccagg	atgtgcacac	420
cgggtctagg	caccttgagg	gcggccagac	gagcgcagaa	cttcgccatg	acggacaaaa	480
gcaccggaag	aaccccggtg	gtggcctcga	gggtgtcgga	gcaagccang	agcccccggt	540
acgaccgtca	gattccccgg	cctgcgcggn				570

<210> 6417
 <211> 664
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 6417						
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ctctctctgt	ggctctctgt	cgcagattcg	acgatgaaga	aaaagaataa	ggccttgact	120
tctgggaacg	cgtttgagga	ctccgaagaa	aaccggaaaa	agccagccaa	agcggccgaa	180
gcaaaaggta	nggcgcagcc	cgaagcttgc	gcgaaggaga	ggagcaggtc	gcagcgatcc	240
caggaccaca	ggaagaaccg	caaaaaggaa	gcgcgagaaga	aggattccga	cagcaagaag	300
aaggccgatg	cgcacaggag	agcccggttt	cgcgcgcgcc	agaaggatgc	cgatctcagg	360
caggtctgaa	atctgttcgg	agatatcgac	ctaaaccgaa	acgcgcggcg	ccccaaaggt	420
atcgatatata	gagactcngc	caaccagaca	caggccgtag	atctttgtgc	catgcctata	480
ttcaagcata	ccacttagga	gcatttctgt	cctgagactt	acacctttat	ccgcgtcgtg	540
actcccattt	caaagagcct	cactatnccg	tggggcacag	aattcgctta	acattttgta	600
aggacttcaa	cgcccaattg	ccaaaaaatc	cctgggttta	agcctattat	gaccgggaga	660
agta						664

<210> 6418

<211> 729
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6418
 taaatcaggc cccggggccat atcaatttat cacctgataa ggcacacaaa tactataaga 60
 gagttaaaag agattttccat atcggcatat ctgtattgtt ttcattccaac tggacacaaa 120
 gagagcgtct cccgatatta cactatcgag catcgccatt ctgatattgc gatagaagat 180
 tgtgcagaga ataccctgtgt gcttggtatc gaggaataac ttttatggag gaactggcgc 240
 gtttcttacg gacggctcac tggcaacaga cgggtcacaa tacatatttc tgtgatgatc 300
 ccagattaga gactttatgg gttgatctgg tcaaggagct gccagcctca ctgaaaggct 360
 acggtctcca agcgtggaaa ttaaatggaa caacgaagat actagaacca gaaggttaca 420
 tacaaccatt gccttctatt cctggcgaaa cgacctcaac tgataccaac gagccccgaa 480
 tcttaggggg acctaaattg acacctgaat caggcccaat cgcttttacg agtgaagtca 540
 ttctcaccgg atcactttat tttatagtag ctctccccc aagaaaaagt aaatgatatg 600
 argctttaca tgaagtgagg ggttgattga cgattttttg acttattgac aattcttcaa 660
 cacttttcag ttgttgaaca aattgcccac ttccgactct ttgtgaagtt ctggaataaa 720
 ttgtggata 729

<210> 6419
 <211> 716
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6419
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 cacaatcacc atgctccgtc aatccatcag acctctcact accgctaacc gcgcctcctg 120
 ctcccggtct ttttcagctc tcgcccccaa gatggccgca ggtgataccg gtgctccccg 180
 tcccggtggt tcccagcatg cgtacgtcgc tctttaactt cccctgttg ttttgagcgg 240
 gtaaaagagg tegtcatccg accgcaggat aatgacatca tcgttgatga atgggacgat 300
 ggcactaacg catgcataca gcgaccaatt caccaagcgc gaagccgcac aggagaacct 360
 ctacattcac gagaaggagc gtgagaagta tgtattcatc atttctcttg ttatctaaac 420
 cccccccccc cccccccctc ttcgagccgt ttccattggc ccaattctgt ctggcattgg 480
 cacggttcgg aattgtccgg ttgcaaatag atgctgactt gtctctgtag gcttttgccc 540
 ctccgcaaca aggtcaagga acagcgcaag cacctcgatg agctggacaa gcacattgag 600
 gagttgacca agaaccaggg cgggtgaacag aactagatcc ttcatttttg atgatctttt 660
 ttacatcgga tgacgcagtt tttttagctc acagtttccg atcacggtag catatt 716

<210> 6420
 <211> 684
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 6420
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 aatccggccc ggtttcgcag gagaggaagt cccctcatgt ttcttccggt cgttcgctgg 120
 tcggccaaaa caccgcgggg tgatggccgg cggctctagaa ggagatgtct tcatcggatc 180
 ggcagacacg gagctgcggg gcctgttgaa gatccggtac ccgctggaac acggcctcgt 240
 aacggacttg gacgacatgg agaaaatctg gcactacgct tacgagaacg agttgaaaac 300
 gtgcccgaag gacaccccc tctcctgac tgagccggcg ctcaatcccc gcaggaaacc 360
 cgatacagcg gccanatta tgttcgagac attcaatgtg ccgctctctt ataagtcgat 420
 tcaggccgtg ctgtcgtgt acgcgtncgg cccgacgacc ggtgtggtct tggattcagg 480
 ggatggtgtc tcccattgcg tgccggtgta tgaaggtttt gcgatccga acagtatacc 540
 ngcgattgat gtccgggggc gagatgtacc gnacagttgc aagtgggtgt ccgcangaat 600
 ggacatgtac tggatacaag tgctgaaaaa ggaggttgtc ggaaggatca anggaggagt 660

<210> 6421

<211> 1410

<212> DNA

<213> *Aspergillus oryzae*

<400> 6421

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ttaaatctcc	atctaccatc	ccctaaataa	atcccccaac	ttatcagaat	cctatcacaa	120
tgggtcacga	agatgctgtt	tatctggcca	agctcgccga	gcaggccgag	cgctacgaag	180
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gcaatctctt	gtcgcgcgcc	tacaagaacg	tcacgggtgc	ccgccgtgct	tcctggagaa	300
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tlaaggagta	ccgtcagaag	atcgagtcgt	agctcgctaa	gatctgcgat	gatatactcg	420
aggtctctga	caagcactcg	atccccctct	cccagagcgg	cgagtctaaq	gtcttctacc	480
anaagatgaa	gggtgactac	cacgcgttat	ttgcgcgagt	ngcncatcgg	gacccgcgta	540
agggcgctgc	cgatgcctct	cttgaggcct	ataaggccgc	cactgaagtt	gcccagactg	600
accttgctcc	taccaccccc	atccgtcttg	gtctggctct	taacttctcc	gtcttctact	660
acgagatcct	caactccccct	gaccaggett	gccacctggc	caagcttgct	ttcgatgatg	720
ccattgctga	gcttgacacc	ctgagcgagg	agagctacaa	ggactctacc	ctgatcatgc	780
agcttctcag	agacaacctg	acctcttgga	cctcgtctga	ggccgagccg	gctgctgaga	840
acgcctccac	cgagaagaag	gaggaggccc	ccgctgctga	gggcgagaag	cccgcgctg	900
agtaaagaag	agatgaagga	ctcgcgctcg	atcatggatg	gagcaatcgg	acgacgggac	960
tgttgattca	cgcgaaagag	ctagagcgct	gaagaggaaa	aggaagcgag	gcgcctttca	1020
cgttttcgtc	tcatacaatc	tagggcaaga	tggaggcttt	ctggcgccac	agcccgcgga	1080
tggagattcg	ggttcttgat	gattttcggg	tcctctgctt	tctgtctcta	acgcagttca	1140
ctttggggcg	tggteggett	ctgcccgtgc	accgattctc	catctgtggt	tcaacttttc	1200
gtttctcgca	tgattttttac	cttattttccc	ttttaaatth	ttttgcctat	tggctcaact	1260
acccaaagaa	tacctttccc	tgttacagac	tcgtgcccc	tcaaacatca	gtgaaattat	1320
tttccctttg	caaggccttg	actataacct	gaacattggc	tttggggtcc	tttcgtgccc	1380
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<210> 6422

<211> 1141

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(1141)

<223> n = A,T,C or G

<400> 6422

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ttacaccggt	cgcaagatcg	gccaggccaa	caccttgagg	caccgtgtct	acatcgagaa	180
ggatggccag	cccgctctct	ccttccacga	tattcctctc	tacgccaacg	aggagcagac	240
tatccttaac	atggctggtt	agatcccccg	ctggaccaac	gccaaagcag	agatctccaa	300
ggaggagttc	ctcaaccccc	tcaagcagga	tgtcaagaag	ggcgaagctc	gttaagctcc	360
taactgcttc	ccccacaaag	gttaacctct	gaactacggt	gccttccctc	agacctggga	420
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ctggagagat	gggtgagctt	tgggtacccc	cggtcaggtc	aagcaggtca	aggtccttgg	540
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taatttccgg	gctgctgtgt	aaattgggtcc	cactaaagga	aattaaaatc	ccccacatct	1020
tggtattctac	ttatgaaccg	aagtccccct	atTTTTTcgt	TTTTTTggcg	nagaaaaaaa	1080
caatacaaat	aatatTTTTt	ctggggggccg	tctcaacttg	tctttataag	ggcgcttttt	1140
t						1141

<210> 6423
 <211> 580
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 6423	
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ctccgcacct	tcccccaga
cttgtgaatt	ttttccaatc
tcataTTTTt	TTTTTTgtaa
catcttgagt	tcagttccatc
acaccatgcy	tatcactgtc
agcttgaggt	gggggggggac
ctccggttcc	cccgagcgcc
caagtaccct	tgaacaggtt
tggaagtct	taagggccca
	cccgactggt
	ggcgcccttn
	580

<210> 6424
 <211> 706
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6424	
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tttcgtattg	cattcaagat
ggatgtttca	caccccgctc
ctcttttact	caccactatg
cttccagct	ctactactat
cttcattatt	catctttatc
ttacatacac	ttactcttat
ttctctccat	ccatacacct
ctcacatgac	ngttccctct
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tattactaac	gtctctctcc
	tccttcacgc
	tttttcgtcg
	tactcg
	706

<210> 6425
 <211> 640
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

<400> 6425	
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	aagagtagca
	tccaatccac
	cttgaatgat
	accatcgaag
	60
	120
	180

cggetgatto	cgtctttaat	taccacacca	cccaaaaggc	gtcttcaagg	taccaaateg	240
agaatggact	ttccaccttt	ccttacatgg	gacaactaac	cgccaaaact	gaacaaaccc	300
aaccttcttc	tttcgcgggg	gccacggtgg	aacaatggcg	ctgcaacgtc	cattaaccga	360
gccaacgcgg	atgtactgaa	ccaacccctt	caggatatgg	aaagggggcg	atgtaccttc	420
gtgccgcctc	gtgccagaaa	aatannntnn	tnnnnnntnn	gtnnnggttat	tnnnttntta	480
ttttatatat	ataaaaagaag	aaaaaatnnt	ttntnnnnntn	ntaagggggg	ntgnnngnnng	540
tnnnnnnnng	aatatattggg	ggggctttat	atccttaagg	gggccttttt	ttttatatgt	600
tgteccccc	ccccccccc	ctctccaaaa	gccatagaag			640

<210> 6426

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 6426

aacaatlcat	tgacttttga	caacccctgt	tctactgtca	ctggctctag	tagttcgtca	60
ctcgcaagcc	atcatgtccg	gatttccac	ccttaagcct	gccttccacg	ttcggggtgaa	120
catagatgct	cctctagcag	ttggcagcgc	ctctcggtcc	aaccctctgc	aggttgtgcc	180
aatgacggga	ggtaccgtca	aggggtgactc	tggtttctcc	ccgcgcctcg	acgccgaatt	240
cgtegggtga	ggcaatgact	acatccacgc	tgatgccgat	ggcaagcacc	tgcgattgaa	300
tgcgcattga	gttcttaaga	ccaaggatga	tgctctcttc	tacctgaact	acaccgggtg	360
tgteaccctc	accccgcgag	agcaggctgt	cttcgccggc	accgcctcag	agggttcaac	420
gcctttcggc	aatatcttca	cccattttac	cttcgagacc	ggcgacgagc	gttacaagga	480
cctcgagaa	cgtgttttcg	tggccagggg	acgcttcaac	atcgagagcg	gcaagccggt	540
cgtecgagta	agagtcagcc	aggttcacca	tggttaaagtc	agattctttc	acaatatcac	600
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<210> 6427

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 6427

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ttcctatcaa	ctggggtaat	tttggtcgct	actctcggcg	cggctgggtac	tttgccgacc	180
gaggecagtc	gcategcgcg	tacggtccga	tctgggcgct	tgtcactccc	aaggaaattt	240
acatcaatgt	cgccgactca	aaagcaatcc	atgacatctt	tcaacgacgg	acggatttta	300
ttcgccccgt	ggaaacagtat	accgtgctcg	aagtctattg	accatgtatc	ttcacggcaa	360
atacaaccga	ctggccacgt	catctaaaag	tgcttgcttc	ttcttttaaac	gagagtgtga	420
tgtectttgt	atgggatgaa	agtgtggagc	acaccgcgca	catgattgac	atctgggcct	480
ctccagacct	cgataagata	tccaacgtcg	ccgaagatac	cccgcacact	attgtgaaag	540
tctccctgct	ataagaattc	aaaaaaagat	tccttttttc	cctgggaatg	ggaacaatca	600
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<210> 6428

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6428

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aagcatggcg	ggctgtcgaa	atcgtcacct	agaattctgc	cccgcgaggt	ctgggacgtc	180
gagagacaac	aggaaacaga	gcaggtcgaa	gagcaaggct	ggtgggcttg	gatcacatcc	240

tatctaccag	ttggtcagac	gccagaacag	caagcagaat	cagtcacaa	ggaaagtaag	300
aagacaattc	caaaggcacc	catgcctggt	ggcgaggcag	taccagcaca	ggctccctcc	360
aaagcacgac	agagtttggg	gtcgaaaaag	gcttgaggga	ttatctactc	atggatagat	420
tctttgcgtt	tcttttgtac	agatattatt	atagaactca	ttgttgaagg	cgtgtgttgg	480
tcttttatat	tttgaatatc	cgggatgcga	catttagata	nccttctctg	ttacaaggga	540
gaagaagcag	atgacttgaa	ctcctctcct	aacaatgaca	tgtgatacaa	gtgtacataa	600
ctctgacttc	ctaaatgtgc	tacaaacaca	ctctacacaa	ctatgaatac	ccaaatcagt	660
ttttct						666

<210> 6429

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 6429

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cgcctgtttc	cagatgactt	cacccggcag	tgttgggcta	tctgggtggc	agtcattcgg	120
cctcgccctg	atccggggat	gcgcccacgg	cgatacaaaa	tgatattttc	cccgcgatcc	180
tggtcaaccc	ctcccttcca	gacaggtcac	ggacgttgat	ttgaattgga	tcatcataca	240
cagtgaagaa	tcattcacca	tggcgacccc	cggccttctt	tacgtgacga	tgcaaccccg	300
cgattccctc	cccgcggccc	agttccacga	ctggtacaac	accgaacacg	gccccctacg	360
tctccgactg	ccctttgtca	ctaattggctt	ccgctaccgt	gcccgcgacg	gcattctatcc	420
tgagtgggtg	gctccgtacg	acattaccga	catgggtggaa	ctgacacgcg	agacttactt	480
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gttaatcgcc	accttatgat	cttttccactg	accataaagc	ccccactcca	accctggccg	600
ggatatcccc	accctgaagc	ccccggctgg	gacttgtctc	tgctgggtcc	ccgtcccgcc	660
gccacggaga	aggacctcct	agttgggtct				689

<210> 6430

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6430

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gatccacacg	tggctgacga	gactcctaca	cccacccaat	ccttgccggac	agtcgcccct	180
aacgctccta	taaagtgtga	cgacctcact	ccggaggagc	agcgatttqt	cttccagtae	240
atgagggatc	atggatttgg	accgtatccg	ggtacagtaa	tgcccggagg	ttggcggtgg	300
ccagacaagc	gcgacggttc	ccttcagcct	gagaccgagt	ttaacctga	cctgtcgaaa	360
ctcatgcaca	tcattggacac	catgcccaag	ccacaaggaa	agatcaacca	ttacattggg	420
gaaaaatcga	aaggcaagga	cgactcgaat	gaagacgatg	aggaggatga	ggatgaggac	480
gatggcagtg	atgacgagga	cacctctcct	gctagccccc	ttggaaagcg	gaagcagaac	540
ccctgcaagc	gaggttgccg	agctgatgtt	cattgttgtc	ctggtgacaa	gtgcttctat	600
gggggtttgt	tgggtcctca	gattccgcct	aaagagttan	agtggtgagat	ctacgaacgg	660
gatgcacogg	cggatgaagc	gg				682

<210> 6431

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6431

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cagatccggg	ggaggactat	gttaaaaagt	ggtgactgcc	ggcgggaagaa	aattaagggg	180
gacaatagat	ctatctacca	gtcatgtcca	tcgaatagac	aaggctgttg	taagaaaaca	240
gttggcgtgt	gccgcggcg	gactaccagg	ggcccttgtc	catcaacggg	gttaacggaa	300
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agactctgat	ggactcgggc	gaacactctg	agactgttcg	ctcagaaaat	gatattctatc	480
cgggtggcatg	taaagcgggt	gctatcgaga	acagatggct	atctcantca	gcgaacttct	540
ccgatgagat	tcctatccaa	cctacccttg	ctatatctaa	aaattgtcta	cccgaaggtga	600
cagacacatg	tagtgtgggc	gacattgcgc	cttcatttca	ggcgtcttcg	tctccattaa	660
agtccecggt	atcttcgggg					680

<210> 6432

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6432

ccggcgcagc	cactcagtat	gaggaataac	gagctttcgg	agcattcgct	gccggggaga	60
catagacaaa	tattggccag	ccccgatgag	agccacggtc	tcaccatcg	ccgctcagct	120
accacatcgg	ttttgtcgag	cctaaacatg	cgcactccga	actcattatc	actgtctcta	180
tcgattcggg	cggagaattc	tgcattctgaa	tcccgggtcaa	gagcgggtatc	gccacactca	240
cagcctcgac	aatcaatagg	agacattcat	tccattatgc	tgagctcctc	caataccaac	300
aactacgttg	ttagcccggc	tgatggctct	ggcgggttact	tcagtttacg	acctagcagt	360
gggggttagta	gtagaaccac	aacgcggggg	agtacgacac	caattgaaga	aaacaggtct	420
tcgagagcta	tgggtagaac	catgggtgcac	taccctgggtg	gtgtgagata	ccgtcggagg	480
agcatatctg	gtccaaattc	aagcgcctga	atcgtgaggt	ctttctatgg	cttgagccgg	540
gttatgatgg	gaagcgattt	gttgtgatca	tataccgagg	gtttcttttag	ggagaatcat	600
ccgaagagag	cataggagtc	tcttaaattc	cgcgaatttt	acaatgagaa	aaaaaaataa	660
aaaaaaat						668

<210> 6433

<211> 860

<212> DNA

<213> *Aspergillus oryzae*

<400> 6433

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tttgcaacctg	ggaagtccca	ggtagaaaaga	acaaaacgca	attactgtgg	ctatttttacg	180
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actccagact	gttattattt	gattattgac	gcaacattgg	ggacgatgag	tatgaaggta	480
tgacaacgtga	agaggtgtgg	gggtgtgtat	ttcttgatgt	ccaaagatca	aggttccaaqa	540
cttaaacatg	cagtacgaga	actggatggc	acgggtggta	gtactgcaca	cgatgatttg	600
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gtctctcgtc	ctctcttggt	atgagaagaa	gactggacaa	cattcgaagg	tcaccgggct	780
ttgcaggggac	cttggaacac	ctaaacccca	ccgcgcgggg	ttgcataaag	gaggaacogt	840
tggggtttct	ttcaatgccc					860

<210> 6434

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 6434

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ccgaccccca	gtgacaacac	accaagcctg	aatgccacat	cgatcgctga	agaaatatcc	180
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accgtcagat	atactatgtc	tatgtggaga	tcaagcatgt	cgatatgggt	gaaatagatc	660
tttgtgggaa	tctagaaaat	cca				683

<210> 6435

<211> 572

<212> DNA

<213> *Aspergillus oryzae*

<400> 6435

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atacggttgt	tcacagtcga	gagagcagcc	agcttcctcg	cgtcgccatt	ggcgaccata	180
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tcaatttcgg	gtgcaggaat	cgtggcagtc	tgcgggaggg	gagaacggag	gccagaagac	360
gcctggctga	actgccccat	gggctgatgg	ccagaggacg	acttgggtcg	agcaattgga	420
ggctgactat	cgggaccccc	ttgggcccac	ggagatacag	ggggctgacc	taggttgtcc	480
gtgtatattg	tctggagcgg	agatggtagg	tgcaacgaac	gaagtccgat	cgccgaatac	540
agcgccctcg	tgcgggattg	tctacgcata	ta			572

<210> 6436

<211> 1653

<212> DNA

<213> *Aspergillus oryzae*

<400> 6436

cgcggtttgg	gccactacta	ctgtcggttac	tacttcggga	acctaacctg	gataccaatc	60
tgcacgagag	cctcctccat	ctccttggat	cccataattat	ccatttcgta	gatggtttct	120
ccatctttgc	gtctacctta	gacctctct	cctcataaac	gtcaggatgc	cgcttccag	180
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gaagaagttt	gatccatccg	gagccttcgc	ttctgatacc	atcaactcag	acgggtctttt	900
ggacttctct	tctgccqact	ttgcgcgtgc	tcttaaggac	ttggccgctg	tactcaacga	960

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tggatattca	agtatcaaca	tcagcgaact	cggcgaccgc	gcatacttca	atgagatctc	1440
gagcaccggg	ctccctgaaa	gtgcttcaga	atatgaagga	tcggacgggt	tgcaccgatt	1500
tcttgccgaa	tgtaaccgtg	ctcctccaat	ttcttagcta	cttgcgcttc	catgtttgtc	1560
catacaggct	ttgacagtct	tttcccataa	tttcttttgg	tcattgtttgt	tcgaagcaga	1620
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<210> 6437

<211> 613

<212> DNA

<213> *Aspergillus oryzae*

<400> 6437

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cacaagacaa	gggtgtgctct	cgattaacac	attttccact	acgcacgtcg	tgaattagca	180
aggtcacgct	tgtatctggg	caatctggag	aatcaacagg	tcacatactt	gctcatgtct	240
gagcattgta	accccgctggc	tctgttggat	cctgctggag	atttccgttc	gtacagttgg	300
tggaagatca	catacgggttc	ggtagggcaa	tcacgaacat	aacaagccac	aatagacatg	360
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cgctccaatgc	atcttagctat	gaatgccatc	agtcattgcta	gtaattctgc	gtgttgatca	480
tttgacattt	gtcgactata	ttctcatatc	caaagcgctc	tctgttcaac	ttcagttcac	540
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cctccagatt	cct					613

<210> 6438

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6438

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gagtatatgt	ctgcgcccgc	tcagaacatt	ccccaacata	tgccctacca	tatgccggtc	180
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cacgttatgc	attgaacaga	aatgttttcg	atggcgcttc	gggacggatg	tatgctgcaa	600
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<210> 6439

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6439

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aagcttctat	tgttggtaac	gacgccactg	cgacgacctc	tagcattacc	tgtgctccga	180
gtccgaccgc	gagcgcgagc	gatgacgatg	atgactatga	gtgtggcttg	gggcctgggt	240
tcactctcac	agatggcgtg	ccgactacta	tcattggaat	gaatgacaag	ccaaactttt	300

ccatgacccat	caactgctcc	gtggccggga	ccacctctgc	cgtctgcact	ggaattggcg	360
atgggcctga	agccaacttc	cccggaacta	taatctcaac	tatccagcag	agtgaatgt	420
cctacttgcc	agttactatc	accgctgggt	ctgttactag	cgtggctgcg	accgcttcgg	480
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agtcttctgc	tttctctttc	ggctcgagct	ccagcttttc	agctgtcagt	acccggtgga	600
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<210> 6440

<211> 1003

<212> DNA

<213> *Aspergillus oryzae*

<400> 6440

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ctcccccggt	cctcacaagc	tcgcgcactg	ccttccccctc	atcgttttca	tcggttaacgg	180
tctcaagtac	gccctgaacg	gtcgtgaggt	taaggccatc	atgatgcagc	gtctcatcca	240
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<210> 6441

<211> 1243

<212> DNA

<213> *Aspergillus oryzae*

<400> 6441

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<210> 6442
 <211> 716
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6442
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 cgtgttgctt gccaggatgc caccgtccaa atggccatcc ttcagttcat gtcggctggc 240
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 atggttgagc tglccggatg gaccactcct aaggatatca tctttaaggc cgctggcctc 660
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<210> 6443
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6443
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 cacccttcat cgtcgcccg agagtgtcg actctctgtt cctagtgtg cagggtggta 240
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<210> 6444
 <211> 1276
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6444
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<210> 6445

<211> 1105

<212> DNA

<213> *Aspergillus oryzae*

<400> 6445

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gtaagacttg	gagcgaaactg	tctcgcgtag	aagatacagc	caatggactg	ggcctgcgct	180
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<210> 6446

<211> 306

<212> DNA

<213> *Aspergillus oryzae*

<400> 6446

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ggggccccac	ccccqgggaa	atttaaaaat	tcccctggcc	cccttaaaaa	ccgggggggt	240
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<210> 6447

<211> 493

<212> DNA

<213> *Aspergillus oryzae*

<400> 6447

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tgatgacatg	actcacgacg	acttctttac	tttcacgatg	atcgacagtg	ctaccgctcg	420
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493

<210> 6448

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6448

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cattatacgt	tgcactgaag	aagctaggat	acaacagcta	tcatatggca	gaatgttccc	180
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<210> 6449

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 6449

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cggggtgtgt	cgggtttccc	tacccccctaa	aacatggaga	aaccgggccc	ttttataaat	660
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<210> 6450

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(653)

<223> n = A,T,C or G

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<210> 6451

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

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<210> 6452

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

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<210> 6453
 <211> 629
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6453
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<210> 6454
 <211> 581
 <212> DNA
 <213> *Aspergillus oryzae*

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<210> 6455
 <211> 639
 <212> DNA
 <213> *Aspergillus oryzae*

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 aaactgatca ccgtgcgcgc caagtgtcat cgcaacgatt tgggtccatga aattctgagc 480
 atggctcgcc gcgatgtccc tctcttgccc cagtatcagg ctgtcagga cgggtggggtg 540
 tcaattcttg accccatggg agcctcctgc cttaccctta atgategcag tctcgtctcc 600
 aagtatcacc aggagctttc cgaactcggc tccgctcgc 639

<210> 6456
 <211> 785
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6456
 gccgggatcg gactactagc cccggatcgg actactagcc ccgggtcggg ctactagccc 60

cggggtcggac	tactagcccc	ggatcggact	actagccccg	ggtcggccta	ctagccccgg	120
gtacgactaa	tagcccccca	tcggactact	attaccggat	cggtttactc	attgcgggat	180
acgattactg	gcccagtcag	cgtgaccaac	cacctcagga	atggactgcg	ccggaagggc	240
cgtcaaatgc	ccatttgccg	atgttcggtg	ctgtagtcag	ccgcgcgcac	tcttatgttt	300
gtcgcagccg	cttaaggaat	gtgttatcag	ccgtattcct	catggcaggt	ggctctctcg	360
tgacttcggt	cgatgaaggc	agacaatcga	catacatctg	ccctatcatc	tctggactac	420
atccacgggt	ccgggcctat	atgtctctcg	gcgttacatt	agataccttg	attctaatacg	480
gtgctgctga	gctttgtcgg	gagggtaaca	gatccccgga	tggtaggaaa	aagcaagcgt	540
tggtttcatg	gggctacagc	tttcttgggg	tagctgtgat	ctgtacaatc	gcggcggttca	600
tcctcagaaa	agtggcgccg	gggtgaaggct	ggttttgtca	actctcatta	tttacgaagc	660
gcagcatggc	aagggaaatt	agttgctttt	aaagtactgt	gcgcattcca	actaatggcc	720
tttttagggg	gcggttgagg	tctctataat	tggaagctcc	ggtatccatt	aatttcaggc	780
tggtg						785

<210> 6457

<211> 752

<212> DNA

<213> *Aspergillus oryzae*

<400> 6457

caattacgct	tcttctcgat	tataattatt	gacgtttcaa	tatctgatcg	ttccgaccat	60
aaatatactt	aataaatcgt	gacttctgag	agaggttgca	tccctttaac	catgggtccat	120
atcatgctta	cgggagatca	tttccccata	aaatgaaatt	atggtagagt	gacacatcat	180
atttaccgat	attatgtaga	gcctctagag	acaatatcca	cgggtgaggt	caggactggg	240
agtgccatga	gactgactat	ttgatttgat	gggacttaaa	cctgaaaatg	ttaaggatat	300
gctacgagaa	cctgtcaagc	ccatataatc	ctatggtaac	gggttttttag	aacccttcca	360
aacccccacg	tgaacataac	ctcacactac	gctgttaaca	catgattacg	gtgacataat	420
gatgtaacca	aaatattcgc	aattatcatt	atthagttaa	acgatactga	agatgatgat	480
gccaaaatat	atactgaata	ttacgtgata	tataatgatg	ctgaatgtaa	tggttcattgt	540
gtagaatatg	atcgttctag	tattagatcg	atgatgaaat	attacttcaa	tgatcaaaat	600
tatgatcatg	tacgtatggg	cgatgattaa	cgtattagtt	ctgtcaacga	tacttgatga	660
tgatggatgg	tcagtcatta	atgattgtga	atgtcaaatt	tcaaacggcc	ttcttttttac	720
ataattatga	tgtgatagat	ataataaacg	cg			752

<210> 6458

<211> 589

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 6458

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acacgagggc	gagcttagcg	atgacgagga	aatgagccag	atcagtaatc	tcctgaacgc	180
gatcaagaag	cgaaatcaga	tttaaccatgg	agaagtgcct	tcgactgtct	ctacgacgga	240
ggcgcgaagc	gcagcatcga	aaacatcgga	tgatccagga	gcccgatggg	ccgtcaacag	300
caaagacacc	ccgatgacgg	acgctgaggt	aatttttcgac	gatgctcagg	ccgtgagccc	360
gtagttatatt	cttgtctgct	ttctttttgtg	ttttctttct	ttgctgggtcc	acctattctg	420
gaagtgatct	ttgatatact	gttgctagcc	atgtcgttgt	ttgcctgggtg	attcttttgtg	480
ccttctccca	ctggggtttgt	tttatctctcg	ttaatattatc	cattttcggt	cagcttgatg	540
tggggatnta	acaattctga	tgtcacatta	cacatagcgc	aaacccctt		589

<210> 6459

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6459
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cctaaaggaa aatgaaacaa tgccggcccc ggacccaag cccgaacaat cagtgaacgaa      120
gcctaaggaa gcctttgaga aacgatcacg agcttccagg cgagcggaga cagtatggga      180
tgttgatgat tctccccact atcatttttc acggaaggag cgcgcgcggc tgttcgggtct      240
tcctcgtatt ctcgagcaga aggccaagga agcccatcat tccgaggaga gtactgatgc      300
gcagcttgct gctgatcaaa actgttcaga agccacatca cttcccacgg aacaacatgt      360
tgaagcttct agagacgagc catcagagga tctcatcgaa aatagcaccg ctagaggtga      420
ctcggtcctt gatggcgatg tcgcaattgc actaaatcag gttcttgtag cctggagtgg      480
aacaaagcgt gcattttacc ctgcaacctg ttttggaaga ccattgggga cttcacagtc      540
ccgttatctg gtcaaattcg aagacagtgc tcccgttgaa gttcccattg gagctgtgaa      600
acggctcgag ctacgggttg gagacgctgt gaaggt      636

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<210> 6460

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1) ... (666)

<223> n = A,T,C or G

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<400> 6460
gaaggtcggg tcgtggactt ggataaggat cgcttaacgt ctttgttcac tccgtttggc      60
aaggttgaaa gtgttggtgt gctcaaggat aagcggcaac gtattggaga taagcgtgag      120
aaaaagactg tcgcaacggg cgttgtgggc tttacttcca tcgtgggtgc gcatgctgcc      180
gttctcgaca gtgagaagaa gatacgccaa agcgttgggc cagcaggtag cgactggggc      240
ttaatcgact ctgtattctg ggcattctggc aatcaacctg atctaggggc agggctctgac      300
aaccgtcctc tttctcctgc ggagaaaaagt gagccaacga tgccagctgc gcctcccaag      360
ccttcattcg gtttccctgg ggtcaagacg acgggctcag atggaaaaaa gcccggtaaa      420
gcgccatctt tcggttcatt cgcgtctgct gcagcccgag ctggttcagc taagtcgacc      480
tctagtctgt cgactaacgg tccaagtgcc ctagcatgg aagaaataac attaatgcga      540
ctaaagactg cgcancggga gaaagagcgc aaagctcttg aaagcaagct tcgaaagaga      600
tganctgca nnatgccgcg agccgcngcc gctgaaacca tgctaattag catgttggtt      660
gttttt      666

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<210> 6461

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6461
ggcaactggg cccgggctgc agtgaaacat actcatatat gctgactacc cgtattgata      60
atctgcaccc ctccgttgta cggagtaggc ctgacattat tgcttatctt gctatttgaa      120
actgcgttgg gaaagaagcg aacagaacag agaaggggag gggagaagat gaaagcggaa      180
ccacacgagg aattggattt tgaatccctg cccccagctt tgcaacgaaa gttcttctcc      240
aatgtcgaac gccttcgtct agctcatggg gatcgtggg atggttttcc ctatcaacgc      300
cgcttggtta aagtgcctcg ccgcctcccc ttttgtagcc ttccagggtc ctcttatcca      360
acatccgcaa taaaaccctt caacaagaac aagaagtgc acccgcataa gtcttcttll      420
ccaaacacga ctaagaagct ccgcaaagtc aactcgctac agttgggtcca tctttgcgcg      480
caagtggact cgcgatgctt tcaatcattt gccgcctaaa ttcaccagaa aactttcttg      540
aaagaggaac aagatttggt ttacacgagc gcacagttga agctcgggtt tttcatgcct      600
gccgtgaaac gccctaaccg gttgtaaaaa gcaagacaat tgttcccggc ttctact      657

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<210> 6462

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 6462
 ggggaaaatc cacaagagct ctactatgag acttctcagc tctgatcttt cttgttttct 60
 gtttcatctt ctttccgac ttctcactc tcttttctgt tcttacatca tctgtctcgtg 120
 tgaccacccc cagttcgttc gctggtcgag cgacgggact tcatgcgctc ttttccttca 180
 acataccctc gtcactgttc ccaccgtctg ctatcatcag cctgaccgat gataactcga 240
 cattcttctt ggcgcggccc gcagcggttg gcccgcctct tcttgacaag gggctcagcg 300
 gtcagctatg gatcggcagc ggatttgag atagaaccac tgccggagcg gaaggcgaat 360
 tanggtgttc agatattcca nggtggggtg agggcgacgg ccacaggcag gatatacccg 420
 cggcgtcgga tgccctgctc gggaagcctg tgccctgggtg agctgacccg gcgacttcca 480
 atatccatcg tacggatcct aagccagaca tgcactcaca aqccagccca aatgacgggtg 540
 tgggtgaaccc gtcacgaac gatggcagc atgaacacct gacacaccca ctcccccgaa 600
 tttaaagtac ggaagtcggg gtctcggagc agcgcggggg ttgcccccg aacaagcaaa 660
 ctggccatgc ccc 673

<210> 6463
 <211> 656
 <212> DNA
 <213> Aspergillus oryzae

<400> 6463
 ccgtcttata cagtgtctcg tcgatgtctt ccgtgggact ggactgcgag gccgattgca 60
 agaacacctt cgcgcccacg gaatcgatca cgtgcagtga tttcgttgag ccgtctgctga 120
 tgcccttccc acaacctatc ccagtctctg cctactaagc agcggacccc tcaaaattta 180
 tttaacgcag gtttatgatt taacggcaat acctttcgaa ttcccaggga tatacctgat 240
 ctttccctcg actatttcta gggtacatcg ccttgcattt ctgaagcgac aagtgtatta 300
 tttcacggcg cagaaagcct tggagagcag gttttttgga catatgcctt aatttctttc 360
 tttgcacctt ttcttgatt tgtggataat acccggtatg ttaccgcgtg gacactggcc 420
 ggtgagcccg agttgccttc ttggacaggt ttgcgccaac tgcctccgcg aagttttttg 480
 atgtcggaaa cgtgaattct gttttatttt aaatacgttt ttttttcctt tgggtatttga 540
 tacatcgctc tcttttttggg ggggaattgt ggggctttat gatacacttg ctgtcatgaa 600
 ggggtgattgt tggcgtaaat tccccttgat ccttgtgggt ttcttaacct gggaaac 656

<210> 6464
 <211> 743
 <212> DNA
 <213> Aspergillus oryzae

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 6464
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 gggtaaccgt accgatgtag ctaagctggc tgctgatatg gtgctggcag atgaaaactt 120
 tgcaaccatc actgttgccg ttgaggaacg atgatctatt cacagcaaca ctacgcagtt 180
 catccgggat cttatctctt ctaacatttg agaagtgggt tcgatcttct tgacggcggc 240
 tttgggtatg cctgaaagct tggtaaccgt gcagttagct cgggtgaact agctcaccca 300
 ccgtatgctt cgcactgcta tatcattcaa cccacctgat catgatgaga tgagacgcgc 360
 cccacgtaaa cctgatgagc cctttgtcgg tggctggcta ctgttccat acatgggttat 420
 cggcacatac gtcgggtgctg ccaccgtctt tggctacgtt tgggtggttcc totaaaaccc 480
 agaaggggccc cagatttcgt tctggcaact gtcccatttc cacaagtgtc ccgcacagtt 540
 ccccgaaatt ggttgtaga tgtttacgaa cgacatgtcg cgagctgctt ctacagtttc 600
 attggccatc ttggtagtaa tcgagatgct gaacgctatg aatgcccttt cgtctagcga 660

atcccttgct	actttcgctc	tctggaacaa	catgatgctg	ggctatggct	ataatctttc	720
gatgacattg	cactttgcca	ttt				743

<210> 6465
 <211> 683
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6465						
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aaccgacaat	tcattgcaac	ttgaaacatg	tctcctccag	ctgccatcta	cgaacccact	120
gtggccgcta	ccggcctcaa	gggtaaggct	gtggtttctg	agaccgcccc	cgttgaggga	180
gcttctcaga	ccaagctggt	ggaccatttc	ggtggcaagt	gggacgagtt	caagttcgcc	240
cctatccgcg	aaagccaggt	ctctcgtgcc	atgaccagac	gttactttga	ggacctggac	300
aagtagctg	aaagtgcagt	tgctattggt	ggtgctgggt	cctgcggtct	gagcactgcg	360
tacgtcttgg	ccaaggctcg	tccggacctg	aaatttgcga	tcgtcgaggc	cagcgtctct	420
cctgggtggcg	gtgcctgggt	gggtggccaa	ctcttttctg	ctatgggtcat	gcgcgctccc	480
gcggaagtct	tcctgaacga	gctgggtggt	ccttacgaag	aggacgcaaa	ccccaaactac	540
gttgctgcta	agcagcgctc	cctggtttacc	tcgacactca	tgttcaaagt	tctcttcttc	600
cccaatgtca	agctcttcaa	tgctaccgct	gttgaagact	tgatcaccgc	tccgaccgag	660
aacggcaacc	cccagattgc	ttg				683

<210> 6466
 <211> 663
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

<400> 6466						
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tgcccaatgc	tcannnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
ncn						663

<210> 6467
 <211> 723
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6467						
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tttgaacact	ttacacctcc	taaagaagtg	acaaatgtca	gaatactacg	aagtcttctc	120
tatcaggacc	acactcgcca	tgcaagatcc	tgacctccct	ggaccaaggt	ttcatactac	180
cattttcgtg	aaaacggggc	cgaacggtaa	cggtacaatt	cacgaagtca	ctggcgatat	240
cacctcatcg	gaggggatgt	actatactcg	aactccaagt	gaagccccag	agctttcccc	300
ggagtttcat	acaagccaga	agttgggcgt	cacccaagca	tgcaatcctc	ctgggtgactg	360
gaaacgggtt	ttagatgggt	taccaacgcc	gcctcagcag	aaagcatgta	atgtgaagac	420
aatgaagacg	gagccgttta	agacgaaaga	tccattgact	ttctatgagc	ctgggtgagcc	480

tagacggcaa	ttgatgaagt	gtactgagtg	gacgatggag	agggcaattc	ctgctctaaa	540
ggcgaatgga	cttatcatcg	aggggtaggg	tgttttggac	aatggaatct	gcgatctatt	600
gtgctacaag	cactgcttat	tgtgtctatc	aataaatgat	gatatattga	cctacccgcc	660
gcttaaaaaa	taatcccatc	tttgactgtg	cttgccaagc	tttgtggaaa	ggcaattctt	720
ggt						723

<210> 6468

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 6468

atcgatttgc	taatttttgcg	ctgctttcttg	tctctttttcg	tctgtttttgc	ctctcttttca	60
cttcatacgc	tcccttgccg	ctccttttttc	tgaactcact	cgcgagctgc	tattgttttct	120
tacaatccat	tttctttcac	ttttttctct	catagtccat	acagctcttc	ccttccccctg	180
ccgtgtcttt	tgaggccgag	gaaagggtgag	ctacaataga	cggagtggagc	gagaggactq	240
agtgggtcta	acgcttttcc	tgtgtatgca	tctctttttga	aagcctcaac	ttttttctgct	300
caaccttccc	ctcctttctc	ccaatccttt	tccctgtctt	ttgatgctct	tcattcttcgc	360
gttgggattg	ctttcttcga	aatagttcta	tatacgattg	tttctattct	acacggggtg	420
acctgtgggt	attttctgatt	ctcggccggt	ccggttgcta	tcagctcgat	cacttggagt	480
ttgcaccatc	tttaatcatt	taatcgctct	caaaaattcg	tctcgatcgc	ctatcgaacc	540
gaagaacttt	caattgggat	ttcctgcttg	tgagccaccg	acacctgaac	aacaacgttg	600
atgggtggcac	ttgaacttaa	gtatagaaaa	gaa			633

<210> 6469

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6469

agctgataga	ttcttgtatt	gcattaccaa	cacctgtatt	accataagat	ccttccatag	60
cgccagataa	taaatcgtaa	aaaaaccgcc	ggcataaacc	accttaaggg	ggtttccaat	120
agaaaaccaa	accgaaaatt	aaaaggacca	acccccggtt	tttatgacaa	tcaattggca	180
ccaagctgaa	cgccggaaga	agaaagccat	aagccgtaaa	gtgaaaacca	gatccgaact	240
ccgtgcaagt	aaccgaaagg	ctaaatccaa	acggaacccc	aaaccaaagc	ccagatggtc	300
taaaacccct	gtgtggtaaa	ccagtgtgcc	aaagccgata	ccgcgaaaga	atgggatacc	360
aagcgcccaa	atgcatatac	agcgtgtgtc	aataggttga	gaccattata	aggtgctcca	420
cattttcaac	ccaggggaac	totgagcaaa	atcagagcgc	tggggccaaa	tatgcaagag	480
agcctttcga	cgatcccggt	cgatgtgggt	cacatgctct	ggggggctct	ctggcgcat	540
ctcagaactt	gcgtgcttgt	gcgcgtaaat	cgggctggga	aacgttgaag	acactctctg	600
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<210> 6470

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)..(682)

<223> n = A,T,C or G

<400> 6470

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tctctctctc	atcttcaggga	gcgggtccct	agccagacga	qccggaggag	gcgataatga	120
cagcaacaa	gacagcgaca	gcagtgatgg	aagcggcagc	agttcaqqt	catccggatg	180
cggaaccaca	aacaacctcc	taacaacaac	atacattgtc	cccaacaag	cctggaactg	240
gacatcccaa	ggcagtagat	ccgcgcagc	cagcccaaca	atatacgacg	gcagttatct	300
ccagggcgaa	ggatatatat	cctacaacat	cacccggcga	tcacgatgtc	gtgacgcaaa	360
cgngagactt	cggatccctag	gatacgcttg	ggttggaaca	caaccgccct	atcctaccgg	420

gcccttgaac	ccctttatcg	ttgggttcaa	ggcgtgggaa	tccgacaagc	cgggttaatga	480
gatccacacg	tcttataatc	cgattaaatg	gacagaggat	agtgtttgtc	ctatggagcc	540
ggatctcggt	cgcacgcgta	cgactagagg	ttggattgac	ttgacggctc	atacgtctgg	600
tgccctcgat	gtgatgatca	tgaatgtttc	tatggattca	gcgaagtcaa	ccgncgtgag	660
tttcaatgct	actactgctt	ct				682

<210> 6471

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6471

tttttttttt	aaaataaaaa	gaattgcgta	gacgcgcata	ccattcattc	atggtacata	60
cagtaattca	ttgacaacat	acataattatc	catatcacat	aatgaaatca	ttttttcgtc	120
ccaaaccccg	tcataatcat	atcttctctgc	tgccgtagtc	attacggltca	taacagtgtg	180
tugtacaaga	aagggagaaa	gaagaagaaa	gggaaagaag	aaaggaaaag	aaaagttaaga	240
aaaaaatatg	gtgttctctac	ccccaaaacac	cacaaatccca	taggccaacc	ataaaaacagc	300
tataaacccg	cgtgtttccg	gttctggaga	cacccatgat	ctctatatac	tttaaacagt	360
gaccatgttt	cataccccag	gttcagtgcc	ggatcgaagc	acggatatca	taaaagtact	420
gtaagtaatg	aacgcaggga	agacgtgaga	ggatcgggtt	cggcacgaca	atcgacgaca	480
gtctgtatcg	atctagaatt	cctaagcctc	aacttcctct	gcgtgcgtc	gggatgcaga	540
gtatgtatct	gccccactgg	cccgccccag	aggagctgtt	gttcgtcttt	tgcgctcaag	600
gaatctccgt	tttccggctc	gggtctcaaa	gtgtcgggga	atttgcagtc	gcttctggcc	660
cgcagccag						669

<210> 6472

<211> 1088

<212> DNA

<213> *Aspergillus oryzae*

<400> 6472

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taccgtccat	ggacgagatt	gatgccctta	ctcgccccgc	cgatactcgc	attccgatcc	660
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<210> 6473

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

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<400> 6473
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cgaacactcc ggtttactga accattacct cccccattag tatttccagc cgctacattc      180
ccagcacttc gcaatgccgg tctacatgct atacggcttt aagtggccgc gcgccggctt      240
cactgggtatc cgagtgtata ttgtcctgca caacctggaa gatgcgacag cagagtatct      300
ccaagcccca gtcaccaccc agctgctctt agagtcgttc gcaaagacag aatcgggtat      360
cgtatcccgt ctcccggacc tccgatttat tgagcagtat gaccccgacg ataccagcga      420
tgaggccgtc agcaagccat atgcctatgt cgcggctaaa gtgatcacga tgccagagtc      480
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catggcggcg ttgacagaga tgcgagataa atatgccgct ggtgagaaga ttgctggtat      600
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<210> 6474

<211> 824

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

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cgaactcgag tttegaatcac ttcacctgcc cgtccggcgg cacctggtac gtgtgcccgg      180
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gcaccacgcc atgccccaac ctccatcccc cctcctttga cacctccatc ttcgacgaga      300
tcttgcceaa cttgggtgcat cgctccgcca acgcgcactg gtatacctgc aacaccacgg      360
acccaccctt tctcggtctg tgctcgagcc ctgcttnngt caaagacggg tgtccggccg      420
atgatttact tgccgctgcg nngagctcgt cccgtcgngg tcaattcgcc ctgtncagg      480
acgagggcac ccgcgatgac gatattaagg taagcgcngg aggtgggtgg ttatccggcg      540
gcgcgatcgc cggatatcgg gtttgnggtt gttgcgcgcg ttngnattgg cggccccctc      600
ggggggggccc tcattgggga gagggaccag gaaggcttgt tgcataaagg ccaccccgcc      660
cacacgcctg ttggtgcga ggcccggttt ccaaagcgcc gttaaatctc cgggtatcgg      720
cggcccaagg gttcaaattt cccacccggg ttggaacaaa ttgggacaag aaaggccccc      780
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<210> 6475

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

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tcgaacgaaga aaccttcctg aaattgcttg agaaagacat ggcgaaacat atggggccacg      180
ctgcgaagga gtccgggaca tcggagcaga agggcttnga aacaccatca accagggcgc      240
ggacgccttc acgaagcaac tggaggagag cgggattccg cccggtgact tcataagca      300
gctcctggcg gatgtgatgg ctgaagaaga ggggtggagat gccaccgcta aagccgcagg      360
agctgcacca tctaccggca gtgctgggtc ttcactctgt ggagctggag ctaggggcgc      420
gcgcgcctga tcgtttaatg atgctatcca gcagacgatg aaccgtatga aggagtccgg      480

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agacaaagct	acggcggcag	cytcagaaga	tgatccgaac	gatctcatgg	cgcagctgat	540
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ttcttcgttg	aggggacagt	tgtnaacaa	ggaaatgctg	tatgagccn		649

<210> 6476
 <211> 693
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

<400> 6476						
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attgagcgcc	tacgcaacaa	ccgtaccatg	caagcgatca	gcaccaagag	acggcgtaag	360
ctgaagatga	agaagcacaa	gtacaagaag	cctttgcgga	atacgaggac	cttgcgctcg	420
aagcttgaca	aggcttaatc	gggatttccc	tattacaatc	tccttccctc	tgcactgcca	480
ccttctgate	gccttccctc	aagtctcatg	gcatttttga	gttgaacatc	gccatattgt	540
cggacttgaa	accggttggt	gattccctgg	gtgttttttt	cgtgtccgct	ctcatggctc	600
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cagtatcatt	tacatagcta	tcttttatat	can			693

<210> 6477
 <211> 667
 <212> DNA
 <213> *Aspergillus oryzae*

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 6477						
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tcgggaaagc	tgatgtacca	ngtcccatac	cctgtgagga	aaaccgcaag	ttctgggttc	600
atgacacaaa	tgggtgattgt	atgcacctca	ctgtcaagca	gataagctgag	aagcaatgtg	660
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<210> 6478
 <211> 686
 <212> DNA
 <213> *Aspergillus oryzae*

<400> 6478						
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ggccaagacc	ttgtaactgg	gatectatca	agcggcacat	ttgatacttc	ttcaaagtgc	180
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aaggaaccca	gggtcaaggg	cgctcttggg	aaaacaagga	gttctttcat	aatggaaaag	660
gtaaaccggg	ttttttcaac	atatag				686

<210> 6479

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 6479

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gacgagcgag	ttcattgatg	aaacgaagag	cctgatcggc	aatgtggcac	ctgtcattac	180
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cgtcaacgaa	acacagattc	tgatcgaaga	cgcttcggag	ttgctccctg	tcgtgggtgaa	420
gatcttgggc	acgctgtgaa	ggatctgagc	cacagttcaa	gggcttatgt	ataacggaca	480
acgaatttac	ttttaataat	gcgaggaaat	tatcacgtgt	tcttatgtcg	ataagatcca	540
tgtttgatg	gcttttggtg	gccaagata	taaccgcccc	aattacaatg	atgtgtgatg	600
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<210> 6480

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<400> 6480

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<210> 6481

<211> 970

<212> DNA

<213> *Aspergillus oryzae*

<400> 6481

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tgcgttccga	aaagactgga	aaagccttcc	caagtggctg	atgggttacg	tgaacgacga	180
tgacacatc	actggcacga	aagagatgac	tgcgattggc	cgcgcagtaa	ttagtcgggtg	240
gcttggtggc	gagttgtttg	agcgttctt	tcacccggca	ctggatccca	ccttcagtcg	300
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ggataaagaa	aatgcgateg	cacgcatttc	caattggcga	cgcaccacct	tggatggtct	420
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catgcggtcc	gtaatcagca	aggtgatggg	acggagaccc	aaccaaggcg	cggctccgaa	900
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<210> 6482

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6482

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agcatgacaa	ccagaagaaa	cgaccccatc	gcgtcttcga	atcccccgga	aagaaacaga	180
tgccggcctt	gcgcgaaccc	aattcacagc	ctttcctctt	ctcccagccg	cgatcgcagg	240
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ncaggggagag	tgatgatgag	agtgatgacc	agcatgtgtc	aggcaacaag	cagaaccaga	600
aacaggggca	cgttcanggg	gaaggctcac	ccgcacgcgc	tatgaattct	ttctcggatt	660
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<210> 6483

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 6483

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acataatgtc	gtctcttctg	tcctgcgcgc	tggaaccaaga	tcgtcagcgt	tttcgcgatt	720
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<210> 6484

<211> 650

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6484

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qaatttatga	tcttgatcac	ccaaggtatg	acgatcttgg	atcttttccg	catgatgata	480
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ggaaatgcat	acccctgac	gaatcaccaa	gttcgacaat	cagcaactgt	atataccta	600
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<210> 6485

<211> 650

<212> DNA

<213> Aspergillus oryzae

<400> 6485

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gttgaacaac	cgggtgttat	accacaatgc	tgtttataat	cctggcagca	tgcattgctg	180
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acattgggcc	tattaatcgc	tgaccctgcc	tttgccggat	ttcacaacgc	ccgcatggat	600
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<210> 6486

<211> 501

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 6486

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atcgtgaact	gtccagctgg	ccaacgatca	gtctggggcc	aacgccaacg	ttgatatacc	180
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<210> 6487